

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072721\
 Data File : VY005464.D
 Acq On : 27 Jul 2021 15:04
 Operator : SY/MD
 Sample : VY0727SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/28/2021 8:57:08 PM

Quant Time: Jul 28 02:33:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	259005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	387064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	360658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	189625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	149547	54.046	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.100%	
35) Dibromofluoromethane	7.728	113	119178	53.325	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.640%	
50) Toluene-d8	10.185	98	504949	53.307	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.620%	
62) 4-Bromofluorobenzene	12.483	95	166936	53.396	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.800%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	57737	24.624	ug/l	99
3) Chloromethane	2.119	50	71993	25.047	ug/l	97
4) Vinyl Chloride	2.253	62	79571	23.249	ug/l	99
5) Bromomethane	2.643	94	57989	23.184	ug/l	98
6) Chloroethane	2.796	64	50192	23.343	ug/l	99
7) Trichlorofluoromethane	3.131	101	101576	22.695	ug/l	97
8) Diethyl Ether	3.540	74	36895	23.416	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	55808	22.942	ug/l	99
10) Methyl Iodide	4.101	142	62617	22.682	ug/l	97
11) Tert butyl alcohol	4.978	59	32074	122.704	ug/l #	88
12) 1,1-Dichloroethene	3.881	96	56773	22.927	ug/l	99
13) Acrolein	3.741	56	27183	113.564	ug/l	98
14) Allyl chloride	4.485	41	103344	23.320	ug/l	97
15) Acrylonitrile	5.173	53	93021	118.883	ug/l	100
16) Acetone	3.960	43	76004	120.276	ug/l	99
17) Carbon Disulfide	4.198	76	189701	23.167	ug/l	98
18) Methyl Acetate	4.491	43	42343	23.839	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	169266	22.654	ug/l	100
20) Methylene Chloride	4.722	84	77176	20.779	ug/l	99
21) trans-1,2-Dichloroethene	5.228	96	62999	22.645	ug/l	95
22) Diisopropyl ether	6.131	45	186372	21.669	ug/l	96
23) Vinyl Acetate	6.070	43	612342	108.237	ug/l	99
24) 1,1-Dichloroethane	6.027	63	101827	21.478	ug/l	99
25) 2-Butanone	6.996	43	103756	109.643	ug/l	100
26) 2,2-Dichloropropane	6.990	77	90963	21.100	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	63078	21.196	ug/l	99
28) Bromochloromethane	7.344	49	44989	23.573	ug/l	99
29) Tetrahydrofuran	7.362	42	71812	114.593	ug/l	98
30) Chloroform	7.515	83	102138	21.777	ug/l	98
31) Cyclohexane	7.789	56	101093	21.397	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	93235	21.471	ug/l	99
36) 1,1-Dichloropropene	7.923	75	79860	21.338	ug/l	99
37) Ethyl Acetate	7.082	43	48718	21.384	ug/l	97
38) Carbon Tetrachloride	7.905	117	86697	21.199	ug/l	97
39) Methylcyclohexane	9.185	83	99123	20.655	ug/l	99
40) Benzene	8.167	78	231570	21.531	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072721\
 Data File : VY005464.D
 Acq On : 27 Jul 2021 15:04
 Operator : SY/MD
 Sample : VY0727SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/28/2021 8:57:08 PM

Quant Time: Jul 28 02:33:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	29856m	25.008	ug/l	
42) 1,2-Dichloroethane	8.246	62	76306	21.932	ug/l	99
43) Isopropyl Acetate	8.283	43	90764	22.000	ug/l	99
44) Trichloroethene	8.947	130	61662	21.140	ug/l	96
45) 1,2-Dichloropropane	9.222	63	57325	21.647	ug/l	100
46) Dibromomethane	9.307	93	31300	21.474	ug/l	98
47) Bromodichloromethane	9.502	83	79159	21.606	ug/l	98
48) Methyl methacrylate	9.301	41	41848	21.812	ug/l	97
49) 1,4-Dioxane	9.307	88	9930	482.966	ug/l #	92
51) 4-Methyl-2-Pentanone	10.075	43	241607	110.312	ug/l	99
52) Toluene	10.246	92	144267	21.123	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	86340	21.066	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	96460	21.410	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	45226	21.620	ug/l	98
56) Ethyl methacrylate	10.514	69	67666	21.423	ug/l	100
57) 1,3-Dichloropropane	10.794	76	80900	21.744	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	154643	102.372	ug/l	99
59) 2-Hexanone	10.837	43	169546	110.446	ug/l	99
60) Dibromochloromethane	10.990	129	55409	21.688	ug/l	99
61) 1,2-Dibromoethane	11.093	107	42190	21.307	ug/l	99
64) Tetrachloroethene	10.721	164	58106	21.327	ug/l	98
65) Chlorobenzene	11.520	112	154301	20.889	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	58024	21.032	ug/l	99
67) Ethyl Benzene	11.593	91	278695	20.725	ug/l	100
68) m/p-Xylenes	11.709	106	216248	41.414	ug/l	100
69) o-Xylene	12.032	106	103685	20.872	ug/l	100
70) Styrene	12.050	104	178096	21.113	ug/l	100
71) Bromoform	12.209	173	37296	21.152	ug/l #	99
73) Isopropylbenzene	12.331	105	272717	20.855	ug/l	100
74) N-amyl acetate	12.148	43	84572	21.242	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.587	83	52948	21.207	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	41774m	22.389	ug/l	
77) Bromobenzene	12.611	156	67134	20.965	ug/l	97
78) n-propylbenzene	12.672	91	330655	20.958	ug/l	100
79) 2-Chlorotoluene	12.764	91	186599	21.057	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	229976	21.056	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	19973	20.785	ug/l	99
82) 4-Chlorotoluene	12.855	91	191571	20.886	ug/l	100
83) tert-Butylbenzene	13.081	119	204033	20.972	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	228493	20.857	ug/l	100
85) sec-Butylbenzene	13.257	105	295365	21.049	ug/l	100
86) p-Isopropyltoluene	13.373	119	251307	20.800	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	131943	21.009	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	131102	21.068	ug/l	100
89) n-Butylbenzene	13.702	91	231853	20.906	ug/l	99
90) Hexachloroethane	13.965	117	46393	21.361	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	118142	21.066	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10448	21.580	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	80948	20.919	ug/l	99
94) Hexachlorobutadiene	15.117	225	50880	20.747	ug/l	99
95) Naphthalene	15.239	128	163874	21.053	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	72629	20.824	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072721\
Data File : VY005464.D
Acq On : 27 Jul 2021 15:04
Operator : SY/MD
Sample : VY0727SBSD01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBSD01

Manual Integrations
APPROVED

MMDadoda
7/28/2021 8:57:08 PM

Quant Time: Jul 28 02:33:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:20:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072721\
 Data File : VY005464.D
 Acq On : 27 Jul 2021 15:04
 Operator : SY/MD
 Sample : VY0727SBSD01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/28/2021 8:57:08 PM

Quant Time: Jul 28 02:33:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

