

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042721\
 Data File : VY004643.D
 Acq On : 27 Apr 2021 10:06
 Operator : SY/MD
 Sample : VY0427SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0427SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/28/2021 2:38:07 PM

Quant Time: Apr 28 09:59:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	126002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	207604	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	188222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	87887	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	80315	57.37	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.74%
35) Dibromofluoromethane	7.728	113	64467	55.96	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.92%
50) Toluene-d8	10.185	98	266472	54.38	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.76%
62) 4-Bromofluorobenzene	12.489	95	89023	53.53	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.06%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	21991	18.84	ug/l	95
3) Chloromethane	2.119	50	35032	20.75	ug/l	100
4) Vinyl Chloride	2.259	62	35690	20.02	ug/l	99
5) Bromomethane	2.656	94	20139	23.15	ug/l	100
6) Chloroethane	2.802	64	22740	21.27	ug/l	98
7) Trichlorofluoromethane	3.137	101	46500	20.85	ug/l	97
8) Diethyl Ether	3.540	74	15611	20.72	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.918	101	25295	20.45	ug/l	99
10) Methyl Iodide	4.106	142	27588	18.64	ug/l	99
11) Tert butyl alcohol	4.972	59	13482	97.72	ug/l	98
12) 1,1-Dichloroethene	3.887	96	24776	20.26	ug/l	96
13) Acrolein	3.747	56	11723	76.43	ug/l	94
14) Allyl chloride	4.497	41	48112	20.57	ug/l	99
15) Acrylonitrile	5.179	53	41958	103.77	ug/l	99
16) Acetone	3.966	43	31030	92.30	ug/l	95
17) Carbon Disulfide	4.210	76	76676	20.36	ug/l	99
18) Methyl Acetate	4.497	43	20451	20.97	ug/l	98
19) Methyl tert-butyl Ether	5.234	73	76557	20.83	ug/l	98
20) Methylene Chloride	4.728	84	30721	22.72	ug/l	96
21) trans-1,2-Dichloroethene	5.234	96	29352	21.21	ug/l	96
22) Diisopropyl ether	6.137	45	104613	21.16	ug/l	98
23) Vinyl Acetate	6.076	43	347129	103.13	ug/l	100
24) 1,1-Dichloroethane	6.033	63	54157	21.44	ug/l	100
25) 2-Butanone	7.002	43	55186	103.48	ug/l	92
26) 2,2-Dichloropropane	6.996	77	47898	21.13	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	32949	21.28	ug/l	100
28) Bromochloromethane	7.344	49	24194	21.07	ug/l	100
29) Tetrahydrofuran	7.362	42	37912	99.50	ug/l	100
30) Chloroform	7.521	83	54562	21.98	ug/l	99
31) Cyclohexane	7.795	56	49745	19.38	ug/l #	94
32) 1,1,1-Trichloroethane	7.716	97	48673	21.61	ug/l	99
36) 1,1-Dichloropropene	7.929	75	41324	20.03	ug/l	98
37) Ethyl Acetate	7.088	43	27355	20.59	ug/l	97
38) Carbon Tetrachloride	7.911	117	38300	21.48	ug/l	100
39) Methylcyclohexane	9.191	83	49304	19.41	ug/l	96
40) Benzene	8.167	78	123344	21.28	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042721\
 Data File : VY004643.D
 Acq On : 27 Apr 2021 10:06
 Operator : SY/MD
 Sample : VY0427SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0427SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/28/2021 2:38:07 PM

Quant Time: Apr 28 09:59:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	18140m	22.53	ug/l	
42) 1,2-Dichloroethane	8.246	62	39678	21.82	ug/l	99
43) Isopropyl Acetate	8.283	43	51232	20.34	ug/l	100
44) Trichloroethene	8.947	130	33166	20.98	ug/l	97
45) 1,2-Dichloropropane	9.221	63	31677	21.17	ug/l	99
46) Dibromomethane	9.313	93	17124	21.02	ug/l	98
47) Bromodichloromethane	9.502	83	42810	21.71	ug/l	100
48) Methyl methacrylate	9.301	41	23169	19.98	ug/l	95
49) 1,4-Dioxane	9.307	88	4324	406.44	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	134393	103.89	ug/l	99
52) Toluene	10.252	92	76004	20.26	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	46442	21.35	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	52299	21.17	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	23722	21.13	ug/l	98
56) Ethyl methacrylate	10.514	69	31458	19.33	ug/l	95
57) 1,3-Dichloropropane	10.794	76	41868	20.90	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	85308	102.43	ug/l	99
59) 2-Hexanone	10.837	43	88395	101.93	ug/l	98
60) Dibromochloromethane	10.989	129	28111	21.07	ug/l	99
61) 1,2-Dibromoethane	11.093	107	22696	20.97	ug/l	100
64) Tetrachloroethene	10.721	164	34960	21.33	ug/l	99
65) Chlorobenzene	11.520	112	79218	20.62	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	28635	20.89	ug/l	99
67) Ethyl Benzene	11.599	91	146306	20.36	ug/l	100
68) m/p-Xylenes	11.709	106	107471	40.24	ug/l	100
69) o-Xylene	12.032	106	50150	20.04	ug/l	99
70) Styrene	12.050	104	84258	20.33	ug/l	99
71) Bromoform	12.215	173	16437	20.21	ug/l #	99
73) Isopropylbenzene	12.337	105	137026	20.18	ug/l	99
74) N-amyl acetate	12.148	43	43914	19.21	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	25823	20.10	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	20546m	21.78	ug/l	
77) Bromobenzene	12.611	156	31187	20.49	ug/l	97
78) n-propylbenzene	12.678	91	160504	20.01	ug/l	100
79) 2-Chlorotoluene	12.763	91	89038	20.29	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	114684	20.78	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.385	75	9925	18.82	ug/l	97
82) 4-Chlorotoluene	12.861	91	92482	19.96	ug/l	99
83) tert-Butylbenzene	13.080	119	93602	19.81	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	113222	20.33	ug/l	99
85) sec-Butylbenzene	13.257	105	130757	19.84	ug/l	100
86) p-Isopropyltoluene	13.373	119	119207	19.88	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	58645	20.63	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	58098	20.30	ug/l	97
89) n-Butylbenzene	13.702	91	114334	19.98	ug/l	99
90) Hexachloroethane	13.964	117	18898	23.50	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	51605	20.45	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4497	19.50	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	33464	20.05	ug/l	99
94) Hexachlorobutadiene	15.117	225	17319	19.88	ug/l	99
95) Naphthalene	15.239	128	68165	18.79	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	28713	19.50	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042721\
Data File : VY004643.D
Acq On : 27 Apr 2021 10:06
Operator : SY/MD
Sample : VY0427SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBS01

Manual Integrations
APPROVED

MMDadoda
4/28/2021 2:38:07 PM

Quant Time: Apr 28 09:59:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 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\VY042721\
 Data File : VY004643.D
 Acq On : 27 Apr 2021 10:06
 Operator : SY/MD
 Sample : VY0427SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0427SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/28/2021 2:38:07 PM

Quant Time: Apr 28 09:59:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

