

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005660.D
 Acq On : 16 Aug 2021 11:16
 Operator : SY/MD
 Sample : VY0816SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0816SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/17/2021 7:23:37 PM

Quant Time: Aug 17 05:17:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	214842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	307864	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	281350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	109411	50.310	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.620%	
35) Dibromofluoromethane	7.728	113	89819	52.110	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.220%	
50) Toluene-d8	10.185	98	367607	50.852	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.700%	
62) 4-Bromofluorobenzene	12.483	95	124833	52.147	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.300%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	39218	22.225	ug/l	96
3) Chloromethane	2.119	50	41424	19.653	ug/l	98
4) Vinyl Chloride	2.260	62	51457	20.381	ug/l	98
5) Bromomethane	2.650	94	33687	20.271	ug/l	99
6) Chloroethane	2.802	64	33130	21.739	ug/l	100
7) Trichlorofluoromethane	3.137	101	72877	21.559	ug/l	98
8) Diethyl Ether	3.534	74	23985	20.316	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.912	101	38327	20.903	ug/l	98
10) Methyl Iodide	4.107	142	46458	20.338	ug/l	99
11) Tert butyl alcohol	4.960	59	19202	89.317	ug/l	99
12) 1,1-Dichloroethene	3.881	96	38298	20.685	ug/l	95
13) Acrolein	3.741	56	9855	75.977	ug/l	100
14) Allyl chloride	4.491	41	68276	21.054	ug/l	98
15) Acrylonitrile	5.174	53	57980	95.825	ug/l	98
16) Acetone	3.954	43	52584	95.903	ug/l	94
17) Carbon Disulfide	4.204	76	116856	20.474	ug/l	100
18) Methyl Acetate	4.491	43	26769	18.667	ug/l	99
19) Methyl tert-butyl Ether	5.229	73	112587	19.629	ug/l	98
20) Methylene Chloride	4.723	84	50804	19.701	ug/l	96
21) trans-1,2-Dichloroethene	5.229	96	42405	20.485	ug/l	97
22) Diisopropyl ether	6.131	45	142906	21.361	ug/l	96
23) Vinyl Acetate	6.070	43	448410	100.715	ug/l	99
24) 1,1-Dichloroethane	6.027	63	78978	21.302	ug/l	99
25) 2-Butanone	6.997	43	75042	92.587	ug/l	98
26) 2,2-Dichloropropane	6.997	77	73866	21.806	ug/l	98
27) cis-1,2-Dichloroethene	6.997	96	47832	20.317	ug/l	96
28) Bromochloromethane	7.344	49	35249	23.820	ug/l	94
29) Tetrahydrofuran	7.362	42	49272	91.912	ug/l	98
30) Chloroform	7.515	83	80300	21.220	ug/l	100
31) Cyclohexane	7.795	56	77719	20.835	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	76291	21.931	ug/l	100
36) 1,1-Dichloropropene	7.923	75	62005	21.473	ug/l	100
37) Ethyl Acetate	7.082	43	34091	19.488	ug/l	97
38) Carbon Tetrachloride	7.905	117	69007	21.989	ug/l	100
39) Methylcyclohexane	9.185	83	77481	21.091	ug/l	99
40) Benzene	8.167	78	175636	21.241	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005660.D
 Acq On : 16 Aug 2021 11:16
 Operator : SY/MD
 Sample : VY0816SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0816SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/17/2021 7:23:37 PM

Quant Time: Aug 17 05:17:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	22723m	23.940	ug/l	
42) 1,2-Dichloroethane	8.246	62	57529	21.449	ug/l	99
43) Isopropyl Acetate	8.283	43	65615	19.812	ug/l	99
44) Trichloroethene	8.947	130	48446	21.466	ug/l	99
45) 1,2-Dichloropropane	9.222	63	44142	21.338	ug/l	99
46) Dibromomethane	9.313	93	23021	20.126	ug/l	99
47) Bromodichloromethane	9.502	83	60522	21.142	ug/l	96
48) Methyl methacrylate	9.301	41	29204	19.512	ug/l	97
49) 1,4-Dioxane	9.301	88	5920	372.400	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	169331	97.086	ug/l	99
52) Toluene	10.246	92	111940	21.231	ug/l	99
53) t-1,3-Dichloropropene	10.472	75	66561	20.805	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	72348	20.837	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	33950	20.513	ug/l	96
56) Ethyl methacrylate	10.514	69	48674	19.641	ug/l	98
57) 1,3-Dichloropropane	10.795	76	59991	20.556	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	119399	100.833	ug/l	99
59) 2-Hexanone	10.837	43	117499	95.315	ug/l	100
60) Dibromochloromethane	10.990	129	41953	20.483	ug/l	100
61) 1,2-Dibromoethane	11.093	107	31669	20.201	ug/l	100
64) Tetrachloroethene	10.721	164	48465	22.630	ug/l	98
65) Chlorobenzene	11.520	112	120694	21.318	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	44725	20.989	ug/l	99
67) Ethyl Benzene	11.593	91	217665	21.202	ug/l	98
68) m/p-Xylenes	11.703	106	170876	42.853	ug/l	100
69) o-Xylene	12.032	106	80173	20.919	ug/l	100
70) Styrene	12.044	104	137577	21.326	ug/l	100
71) Bromoform	12.209	173	27895	20.186	ug/l #	98
73) Isopropylbenzene	12.331	105	215819	20.498	ug/l	100
74) N-amyl acetate	12.142	43	60081	18.956	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	38289	18.907	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	25484m	16.303	ug/l	
77) Bromobenzene	12.611	156	52939	20.465	ug/l	99
78) n-propylbenzene	12.672	91	264083	21.118	ug/l	99
79) 2-Chlorotoluene	12.758	91	145524	20.724	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	184798	21.149	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	14460	18.648	ug/l	99
82) 4-Chlorotoluene	12.855	91	152110	20.936	ug/l	100
83) tert-Butylbenzene	13.075	119	161327	20.575	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	179892	20.864	ug/l	99
85) sec-Butylbenzene	13.252	105	239726	21.198	ug/l	99
86) p-Isopropyltoluene	13.367	119	205518	21.167	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	105641	20.929	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	104121	20.794	ug/l	98
89) n-Butylbenzene	13.697	91	190362	21.641	ug/l	100
90) Hexachloroethane	13.959	117	37077	21.239	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	92224	20.685	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6943	18.085	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	63327	20.677	ug/l	98
94) Hexachlorobutadiene	15.111	225	42860	21.613	ug/l	99
95) Naphthalene	15.239	128	113911	18.868	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	55701	20.529	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
Data File : VY005660.D
Acq On : 16 Aug 2021 11:16
Operator : SY/MD
Sample : VY0816SBSD01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBSD01

Manual Integrations
APPROVED

MMDadoda
8/17/2021 7:23:37 PM

Quant Time: Aug 17 05:17:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration

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

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

