

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080422\
 Data File : VY009826.D
 Acq On : 04 Aug 2022 12:48
 Operator : KP/MD
 Sample : VY0804SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0804SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/05/2022
 Supervised By :Semsettin Yesilyurt 08/05/2022

Quant Time: Aug 05 01:42:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	49327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	77458	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	72409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	39708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	19150	46.841	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.680%		
35) Dibromofluoromethane	7.710	113	21009	44.485	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.980%		
50) Toluene-d8	10.173	98	61567	43.507	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	87.020%		
62) 4-Bromofluorobenzene	12.477	95	28960	45.284	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	90.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	9948	19.385	ug/l	100
3) Chloromethane	2.107	50	14163	19.861	ug/l	98
4) Vinyl Chloride	2.241	62	14570	19.486	ug/l	100
5) Bromomethane	2.631	94	10078	18.676	ug/l	97
6) Chloroethane	2.778	64	9144	18.798	ug/l #	87
7) Trichlorofluoromethane	3.107	101	21450	21.518	ug/l	95
8) Diethyl Ether	3.515	74	6149	20.503	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.881	101	10789	19.785	ug/l	97
10) Methyl Iodide	4.076	142	12001	19.191	ug/l	99
11) Tert butyl alcohol	4.948	59	6032	115.166	ug/l	96
12) 1,1-Dichloroethene	3.857	96	9788	19.650	ug/l	95
13) Acrolein	3.729	56	971	140.565	ug/l	93
14) Allyl chloride	4.466	41	16487	19.725	ug/l	99
15) Acrylonitrile	5.149	53	15987	100.413	ug/l	97
16) Acetone	3.936	43	13487	96.590	ug/l	99
17) Carbon Disulfide	4.180	76	30117	19.397	ug/l	98
18) Methyl Acetate	4.466	43	8831	21.199	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	25877	20.251	ug/l	95
20) Methylene Chloride	4.698	84	17340	22.608	ug/l	96
21) trans-1,2-Dichloroethene	5.210	96	11341	20.026	ug/l	88
22) Diisopropyl ether	6.106	45	37060	20.025	ug/l	95
23) Vinyl Acetate	6.051	43	112955	95.631	ug/l	99
24) 1,1-Dichloroethane	6.003	63	20055	20.021	ug/l	98
25) 2-Butanone	6.978	43	21793	95.417	ug/l	95
26) 2,2-Dichloropropane	6.966	77	17725	19.036	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	12309	19.462	ug/l	95
28) Bromochloromethane	7.319	49	7249	18.563	ug/l	100
29) Tetrahydrofuran	7.338	42	14169	96.321	ug/l	99
30) Chloroform	7.496	83	20711	19.759	ug/l	99
31) Cyclohexane	7.777	56	17688	18.951	ug/l	97
32) 1,1,1-Trichloroethane	7.691	97	17998	19.815	ug/l	98
36) 1,1-Dichloropropene	7.911	75	15517	19.804	ug/l	99
37) Ethyl Acetate	7.069	43	9870	19.340	ug/l	98
38) Carbon Tetrachloride	7.892	117	16202	19.662	ug/l	94
39) Methylcyclohexane	9.179	83	17206	18.928	ug/l	97
40) Benzene	8.149	78	46592	19.603	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080422\
 Data File : VY0809826.D
 Acq On : 04 Aug 2022 12:48
 Operator : KP/MD
 Sample : VY0804SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0804SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/05/2022
 Supervised By :Semsettin Yesilyurt 08/05/2022

Quant Time: Aug 05 01:42:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	4992m	20.056	ug/l	
42) 1,2-Dichloroethane	8.228	62	13289	19.472	ug/l	98
43) Isopropyl Acetate	8.270	43	17460	19.636	ug/l	99
44) Trichloroethene	8.935	130	12254	19.346	ug/l	93
45) 1,2-Dichloropropane	9.209	63	11677	19.660	ug/l	93
46) Dibromomethane	9.301	93	6685	18.258	ug/l	98
47) Bromodichloromethane	9.490	83	15560	18.390	ug/l #	93
48) Methyl methacrylate	9.289	41	7534	18.485	ug/l	94
49) 1,4-Dioxane	9.301	88	1602	386.004	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	47570	94.843	ug/l	98
52) Toluene	10.240	92	28304	18.900	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	14886	17.949	ug/l	95
54) cis-1,3-Dichloropropene	9.923	75	17347	18.534	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	9246	18.847	ug/l	96
56) Ethyl methacrylate	10.508	69	11419	18.567	ug/l	99
57) 1,3-Dichloropropane	10.788	76	15583	18.703	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	30931	103.015	ug/l	99
59) 2-Hexanone	10.831	43	32418	93.284	ug/l	97
60) Dibromochloromethane	10.977	129	11049	18.834	ug/l	99
61) 1,2-Dibromoethane	11.087	107	8663	18.097	ug/l	97
64) Tetrachloroethene	10.715	164	11725	20.410	ug/l	95
65) Chlorobenzene	11.514	112	30805	19.584	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	11263	19.298	ug/l	100
67) Ethyl Benzene	11.587	91	51780	18.958	ug/l	95
68) m/p-Xylenes	11.697	106	41603	38.803	ug/l	99
69) o-Xylene	12.026	106	18948	19.778	ug/l	99
70) Styrene	12.038	104	32955	19.009	ug/l	99
71) Bromoform	12.203	173	7221	20.633	ug/l #	99
73) Isopropylbenzene	12.325	105	50746	18.399	ug/l	99
74) N-amyl acetate	12.142	43	16006	18.541	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	10922	17.570	ug/l	95
76) 1,2,3-Trichloropropane	12.629	75	7642m	16.824	ug/l	
77) Bromobenzene	12.605	156	12816	18.508	ug/l	96
78) n-propylbenzene	12.666	91	64195	18.447	ug/l	99
79) 2-Chlorotoluene	12.751	91	35213	18.172	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	42461	18.250	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	3801	17.960	ug/l	98
82) 4-Chlorotoluene	12.849	91	37652	18.421	ug/l	99
83) tert-Butylbenzene	13.074	119	39854	20.040	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	47597	20.750	ug/l	99
85) sec-Butylbenzene	13.251	105	59591	19.600	ug/l	98
86) p-Isopropyltoluene	13.367	119	49444	20.054	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	27167	19.966	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	27279	19.696	ug/l	97
89) n-Butylbenzene	13.696	91	46150	19.113	ug/l	99
90) Hexachloroethane	13.958	117	10811	20.415	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	23984	19.258	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1909	19.592	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	14551	21.060	ug/l	99
94) Hexachlorobutadiene	15.111	225	8572	21.180	ug/l	96
95) Naphthalene	15.233	128	27091	20.739	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	12638	20.680	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080422\
Data File : VY009826.D
Acq On : 04 Aug 2022 12:48
Operator : KP/MD
Sample : VY0804SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0804SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/05/2022
Supervised By :Semsettin Yesilyurt 08/05/2022

Quant Time: Aug 05 01:42:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 04 02:27:45 2022
Response via : Initial Calibration

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

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

