

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
 Data File : VY017967.D
 Acq On : 18 Apr 2024 11:20
 Operator : SY/MD
 Sample : VY0418SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0418SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/19/2024
 Supervised By :Semsettin Yesilyurt 04/19/2024

Quant Time: Apr 19 01:59:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	431851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	668262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	592283	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	289779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	171724	45.951	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.900%		
35) Dibromofluoromethane	7.722	113	196593	47.685	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.360%		
50) Toluene-d8	10.185	98	753682	48.178	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.360%		
62) 4-Bromofluorobenzene	12.489	95	233594	48.214	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.420%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	75538	22.049	ug/l	97
3) Chloromethane	2.113	50	97153	17.114	ug/l	98
4) Vinyl Chloride	2.253	62	109914	17.178	ug/l	99
5) Bromomethane	2.649	94	76451	17.951	ug/l	99
6) Chloroethane	2.796	64	69110	17.108	ug/l	97
7) Trichlorofluoromethane	3.131	101	138155	19.159	ug/l	98
8) Diethyl Ether	3.533	74	46320	20.328	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	88589	19.728	ug/l	97
10) Methyl Iodide	4.094	142	122711	20.540	ug/l	98
11) Tert butyl alcohol	4.960	59	28272	96.749	ug/l #	97
12) 1,1-Dichloroethene	3.875	96	86325	19.802	ug/l	94
13) Acrolein	3.735	56	40629	139.594	ug/l	98
14) Allyl chloride	4.478	41	107759	19.101	ug/l	94
15) Acrylonitrile	5.167	53	97130	104.984	ug/l	99
16) Acetone	3.948	43	66376	89.890	ug/l	93
17) Carbon Disulfide	4.198	76	271626	19.587	ug/l	98
18) Methyl Acetate	4.484	43	38891	20.021	ug/l	97
19) Methyl tert-butyl Ether	5.228	73	188216	19.811	ug/l	98
20) Methylene Chloride	4.722	84	111079	22.204	ug/l	97
21) trans-1,2-Dichloroethene	5.228	96	93844	19.651	ug/l	99
22) Diisopropyl ether	6.124	45	244483	19.768	ug/l	99
23) Vinyl Acetate	6.063	43	732156	99.832	ug/l	99
24) 1,1-Dichloroethane	6.021	63	154692	19.157	ug/l	98
25) 2-Butanone	6.990	43	109710	101.080	ug/l	89
26) 2,2-Dichloropropane	6.990	77	124037	19.146	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	107972	19.797	ug/l	99
28) Bromochloromethane	7.338	49	64053	20.165	ug/l	98
29) Tetrahydrofuran	7.356	42	72242	104.885	ug/l	97
30) Chloroform	7.514	83	162793	19.726	ug/l	97
31) Cyclohexane	7.795	56	136312	19.083	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	133063	19.358	ug/l	98
36) 1,1-Dichloropropene	7.923	75	116672	19.459	ug/l	99
37) Ethyl Acetate	7.082	43	53479	21.680	ug/l #	97
38) Carbon Tetrachloride	7.911	117	122143	20.164	ug/l	98
39) Methylcyclohexane	9.191	83	148538	19.011	ug/l	96
40) Benzene	8.167	78	374356	19.933	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	27816m	17.870	ug/l	
42) 1,2-Dichloroethane	8.246	62	85913	19.965	ug/l	98
43) Isopropyl Acetate	8.277	43	94215	20.489	ug/l	99
44) Trichloroethene	8.947	130	96624	20.246	ug/l	96
45) 1,2-Dichloropropane	9.221	63	85250	19.720	ug/l	99
46) Dibromomethane	9.313	93	49404	20.660	ug/l	95
47) Bromodichloromethane	9.502	83	121350	20.227	ug/l	98
48) Methyl methacrylate	9.301	41	42663	20.248	ug/l	97
49) 1,4-Dioxane	9.313	88	11278	413.127	ug/l #	97
51) 4-Methyl-2-Pentanone	10.075	43	258533	106.059	ug/l	99
52) Toluene	10.252	92	233615	20.271	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	111369	20.334	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	136690	20.315	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	68714	21.138	ug/l	97
56) Ethyl methacrylate	10.520	69	86039	20.302	ug/l	98
57) 1,3-Dichloropropane	10.800	76	114932	20.880	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.788	63	220142	99.935	ug/l	100
59) 2-Hexanone	10.843	43	177702	106.791	ug/l	99
60) Dibromochloromethane	10.989	129	87529	20.951	ug/l	99
61) 1,2-Dibromoethane	11.099	107	64419	21.264	ug/l	99
64) Tetrachloroethene	10.727	164	86363	20.355	ug/l	98
65) Chlorobenzene	11.526	112	261802	20.168	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.599	131	86822	20.284	ug/l	98
67) Ethyl Benzene	11.599	91	429582	19.654	ug/l	99
68) m/p-Xylenes	11.709	106	335317	39.944	ug/l	99
69) o-Xylene	12.038	106	155439	19.828	ug/l	99
70) Styrene	12.050	104	269425	20.334	ug/l	98
71) Bromoform	12.215	173	53216	21.518	ug/l #	95
73) Isopropylbenzene	12.337	105	404228	19.144	ug/l	98
74) N-amyl acetate	12.154	43	81707	19.169	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	78749	19.997	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	56982m	20.955	ug/l	
77) Bromobenzene	12.617	156	101448	19.854	ug/l	96
78) n-propylbenzene	12.678	91	490580	19.149	ug/l	99
79) 2-Chlorotoluene	12.764	91	276662	19.294	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	324603	19.388	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	25967	19.689	ug/l	98
82) 4-Chlorotoluene	12.861	91	281263	18.939	ug/l	96
83) tert-Butylbenzene	13.087	119	298999	19.553	ug/l	96
84) 1,2,4-Trimethylbenzene	13.129	105	325244	19.507	ug/l	100
85) sec-Butylbenzene	13.263	105	437837	19.062	ug/l	98
86) p-Isopropyltoluene	13.379	119	361384	19.148	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	197129	19.444	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	194220	19.514	ug/l	100
89) n-Butylbenzene	13.702	91	330199	18.596	ug/l	99
90) Hexachloroethane	13.971	117	74213	19.176	ug/l	94
91) 1,2-Dichlorobenzene	13.751	146	172736	19.749	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	9986	19.714	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	98902	19.417	ug/l	99
94) Hexachlorobutadiene	15.123	225	57178	18.923	ug/l	98
95) Naphthalene	15.245	128	164282	19.572	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	84876	19.859	ug/l	98

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

