

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100824\
 Data File : VY019820.D
 Acq On : 08 Oct 2024 13:29
 Operator : SY/MD
 Sample : VY1008SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1008SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/09/2024
 Supervised By :Semsettin Yesilyurt 10/09/2024

Quant Time: Oct 09 02:06:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	248057	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	432977	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	366654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	168858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	132104	57.513	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.020%			
35) Dibromofluoromethane	7.634	113	127253	51.836	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.680%			
50) Toluene-d8	10.109	98	453007	49.890	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.780%			
62) 4-Bromofluorobenzene	12.401	95	164033	46.982	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 93.960%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	31684	20.993	ug/l	98
3) Chloromethane	2.074	50	31811	15.500	ug/l	98
4) Vinyl Chloride	2.208	62	38597	17.392	ug/l	96
5) Bromomethane	2.598	94	27034	19.832	ug/l	97
6) Chloroethane	2.739	64	30078	20.733	ug/l	98
7) Trichlorofluoromethane	3.062	101	75974	20.537	ug/l	98
8) Diethyl Ether	3.458	74	25102	20.215	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.818	101	50011	21.854	ug/l	94
10) Methyl Iodide	4.007	142	38022	12.959	ug/l	93
11) Tert butyl alcohol	4.866	59	25284	136.304	ug/l	# 88
12) 1,1-Dichloroethene	3.793	96	37347	16.970	ug/l	# 81
13) Acrolein	3.653	56	7695	76.208	ug/l	95
14) Allyl chloride	4.391	41	74474	18.870	ug/l	# 92
15) Acrylonitrile	5.061	53	64988	121.376	ug/l	100
16) Acetone	3.873	43	76237	139.318	ug/l	# 85
17) Carbon Disulfide	4.110	76	42229	7.102	ug/l	98
18) Methyl Acetate	4.385	43	30422	20.486	ug/l	92
19) Methyl tert-butyl Ether	5.122	73	143388	23.004	ug/l	99
20) Methylene Chloride	4.622	84	52932	21.210	ug/l	# 86
21) trans-1,2-Dichloroethene	5.116	96	41126	17.049	ug/l	84
22) Diisopropyl ether	6.025	45	195164	24.081	ug/l	90
23) Vinyl Acetate	5.964	43	525772	113.575	ug/l	# 93
24) 1,1-Dichloroethane	5.921	63	101940	22.415	ug/l	96
25) 2-Butanone	6.896	43	101899	130.929	ug/l	# 85
26) 2,2-Dichloropropane	6.890	77	94353	23.000	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	61230	20.896	ug/l	84
28) Bromochloromethane	7.250	49	39394	20.587	ug/l	# 80
29) Tetrahydrofuran	7.268	42	54620	115.426	ug/l	# 84
30) Chloroform	7.421	83	113565	24.461	ug/l	95
31) Cyclohexane	7.707	56	62952	15.314	ug/l	# 95
32) 1,1,1-Trichloroethane	7.616	97	92267	22.173	ug/l	95
36) 1,1-Dichloropropene	7.835	75	63408	18.982	ug/l	95
37) Ethyl Acetate	6.982	43	38299	22.377	ug/l	97
38) Carbon Tetrachloride	7.823	117	74071	19.663	ug/l	94
39) Methylcyclohexane	9.109	83	66903	15.050	ug/l	89
40) Benzene	8.079	78	205564	19.980	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	19066	19.110	ug/l #	91
42) 1,2-Dichloroethane	8.158	62	63019	22.763	ug/l	95
43) Isopropyl Acetate	8.201	43	81252	22.596	ug/l #	87
44) Trichloroethene	8.866	130	50174	18.962	ug/l	91
45) 1,2-Dichloropropane	9.140	63	57064	22.687	ug/l	98
46) Dibromomethane	9.231	93	29942	21.768	ug/l	92
47) Bromodichloromethane	9.426	83	87552	23.679	ug/l #	98
48) Methyl methacrylate	9.225	41	34221	20.153	ug/l #	81
49) 1,4-Dioxane	9.231	88	7400	456.996	ug/l #	84
51) 4-Methyl-2-Pentanone	9.999	43	217342	120.143	ug/l	89
52) Toluene	10.170	92	132486	20.022	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	73588	20.878	ug/l	94
54) cis-1,3-Dichloropropene	9.859	75	85575	20.851	ug/l #	87
55) 1,1,2-Trichloroethane	10.573	97	42813	22.539	ug/l	87
56) Ethyl methacrylate	10.438	69	59763	20.712	ug/l #	77
57) 1,3-Dichloropropane	10.719	76	71626	21.937	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	128101	95.652	ug/l	95
59) 2-Hexanone	10.762	43	159892	120.559	ug/l	87
60) Dibromochloromethane	10.908	129	55180	21.960	ug/l	99
61) 1,2-Dibromoethane	11.011	107	36512	20.630	ug/l	98
64) Tetrachloroethene	10.646	164	43469	19.145	ug/l	94
65) Chlorobenzene	11.438	112	154828	21.467	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	55962	22.410	ug/l	99
67) Ethyl Benzene	11.518	91	279766	21.831	ug/l	98
68) m/p-Xylenes	11.627	106	203532	42.003	ug/l	91
69) o-Xylene	11.950	106	102872	21.708	ug/l	95
70) Styrene	11.969	104	175447	21.928	ug/l	96
71) Bromoform	12.133	173	28972	20.313	ug/l #	100
73) Isopropylbenzene	12.255	105	274502	22.408	ug/l	99
74) N-ethyl acetate	12.066	43	74482	22.356	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	53112	24.427	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	35457m	22.403	ug/l	
77) Bromobenzene	12.530	156	58741	21.621	ug/l	85
78) n-propylbenzene	12.597	91	344758	23.744	ug/l	97
79) 2-Chlorotoluene	12.682	91	196551	23.228	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	228713	22.966	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	16011	19.420	ug/l #	82
82) 4-Chlorotoluene	12.779	91	202103	23.232	ug/l	94
83) tert-Butylbenzene	12.999	119	213818	23.716	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	227321	23.060	ug/l	96
85) sec-Butylbenzene	13.176	105	312381	23.851	ug/l	99
86) p-Isopropyltoluene	13.292	119	250613	23.387	ug/l	95
87) 1,3-Dichlorobenzene	13.285	146	121043	22.928	ug/l	96
88) 1,4-Dichlorobenzene	13.365	146	120413	22.983	ug/l	96
89) n-Butylbenzene	13.615	91	248202	24.229	ug/l	98
90) Hexachloroethane	13.877	117	49354	22.135	ug/l	85
91) 1,2-Dichlorobenzene	13.657	146	108523	23.036	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7615	21.014	ug/l	77
93) 1,2,4-Trichlorobenzene	14.919	180	59436	20.743	ug/l	97
94) Hexachlorobutadiene	15.023	225	32865	21.471	ug/l	98
95) Naphthalene	15.139	128	108823	18.965	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	48853	19.933	ug/l	97

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

