

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101624\
 Data File : VY019918.D
 Acq On : 16 Oct 2024 16:15
 Operator : SY/MD
 Sample : VY1016SBS04
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1016SBS04

Quant Time: Oct 17 01:55:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda
 10/17/2024
 Supervised By :Semsettin
 Yesilyurt
 10/17/2024

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	212998	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	372738	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	326622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	161487	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	121089	46.171	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.340%
35) Dibromofluoromethane	7.634	113	108831	44.246	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.500%
50) Toluene-d8	10.109	98	385246	42.413	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.820%
62) 4-Bromofluorobenzene	12.401	95	144432	44.007	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	88.020%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	41119	20.737	ug/l	93
3) Chloromethane	2.068	50	53766	20.834	ug/l	96
4) Vinyl Chloride	2.202	62	59453	20.935	ug/l	95
5) Bromomethane	2.592	94	39715	22.094	ug/l	100
6) Chloroethane	2.732	64	42170	22.104	ug/l	96
7) Trichlorofluoromethane	3.056	101	92096	21.794	ug/l	90
8) Diethyl Ether	3.458	74	30602	23.828	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.824	101	57511	23.398	ug/l	91
10) Methyl Iodide	4.007	142	49786	20.027	ug/l	91
11) Tert butyl alcohol	4.866	59	28446	125.110	ug/l #	87
12) 1,1-Dichloroethene	3.793	96	47187	20.650	ug/l	84
13) Acrolein	3.659	56	21190	109.958	ug/l	100
14) Allyl chloride	4.391	41	89887	21.802	ug/l #	89
15) Acrylonitrile	5.067	53	74783	127.307	ug/l	98
16) Acetone	3.873	43	88067	128.995	ug/l #	86
17) Carbon Disulfide	4.104	76	102232	16.692	ug/l	100
18) Methyl Acetate	4.391	43	34660	23.567	ug/l #	88
19) Methyl tert-butyl Ether	5.116	73	156308	23.810	ug/l	96
20) Methylene Chloride	4.616	84	63915	24.933	ug/l #	81
21) trans-1,2-Dichloroethene	5.122	96	51405	20.670	ug/l #	84
22) Diisopropyl ether	6.018	45	225549	25.115	ug/l	90
23) Vinyl Acetate	5.964	43	629411	122.255	ug/l #	89
24) 1,1-Dichloroethane	5.915	63	115891	23.215	ug/l	96
25) 2-Butanone	6.902	43	120650	132.026	ug/l #	85
26) 2,2-Dichloropropane	6.884	77	94025	21.149	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	70063	22.797	ug/l	82
28) Bromochloromethane	7.244	49	53310	24.262	ug/l #	74
29) Tetrahydrofuran	7.262	42	67166	128.725	ug/l #	82
30) Chloroform	7.421	83	120069	23.595	ug/l	98
31) Cyclohexane	7.701	56	89408	20.403	ug/l	87
32) 1,1,1-Trichloroethane	7.616	97	100064	22.438	ug/l	94
36) 1,1-Dichloropropene	7.835	75	78436	22.135	ug/l	93
37) Ethyl Acetate	6.994	43	47023	25.449	ug/l	95
38) Carbon Tetrachloride	7.823	117	82149	21.625	ug/l	97
39) Methylcyclohexane	9.109	83	92780	20.780	ug/l #	86
40) Benzene	8.079	78	243164	22.674	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.226	41	22384	22.383	ug/l	#	84
42) 1,2-Dichloroethane	8.158	62	74189	24.080	ug/l		94
43) Isopropyl Acetate	8.195	43	94378	25.045	ug/l	#	87
44) Trichloroethene	8.866	130	58151	22.388	ug/l		95
45) 1,2-Dichloropropane	9.140	63	65265	24.314	ug/l		94
46) Dibromomethane	9.231	93	34067	23.229	ug/l		91
47) Bromodichloromethane	9.426	83	92106	23.661	ug/l	#	94
48) Methyl methacrylate	9.219	41	41572	25.080	ug/l	#	81
49) 1,4-Dioxane	9.231	88	8108	493.965	ug/l	#	93
51) 4-Methyl-2-Pentanone	9.999	43	250501	130.328	ug/l		87
52) Toluene	10.170	92	150553	22.490	ug/l		99
53) t-1,3-Dichloropropene	10.390	75	77892	22.239	ug/l		97
54) cis-1,3-Dichloropropene	9.859	75	94407	22.843	ug/l	#	84
55) 1,1,2-Trichloroethane	10.573	97	48649	25.178	ug/l		96
56) Ethyl methacrylate	10.438	69	67212	24.242	ug/l	#	73
57) 1,3-Dichloropropane	10.719	76	84686	24.958	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	157114	121.729	ug/l		93
59) 2-Hexanone	10.762	43	181029	131.867	ug/l		86
60) Dibromochloromethane	10.908	129	58273	23.497	ug/l		100
61) 1,2-Dibromoethane	11.018	107	41254	23.627	ug/l		99
64) Tetrachloroethene	10.646	164	50084	21.558	ug/l		94
65) Chlorobenzene	11.438	112	165786	22.192	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.511	131	57694	22.826	ug/l		99
67) Ethyl Benzene	11.517	91	300891	22.172	ug/l		98
68) m/p-Xylenes	11.627	106	217436	43.384	ug/l		90
69) o-Xylene	11.950	106	107040	22.228	ug/l		92
70) Styrene	11.969	104	183319	22.564	ug/l		96
71) Bromoform	12.133	173	31378	23.190	ug/l	#	95
73) Isopropylbenzene	12.249	105	291591	21.467	ug/l		98
74) N-amyl acetate	12.066	43	85945	23.889	ug/l	#	85
75) 1,1,2,2-Tetrachloroethane	12.505	83	60745	25.168	ug/l		97
76) 1,2,3-Trichloropropane	12.554	75	39498m	12.485	ug/l		
77) Bromobenzene	12.529	156	61788	21.436	ug/l		82
78) n-propylbenzene	12.597	91	360913	21.990	ug/l		96
79) 2-Chlorotoluene	12.676	91	203761	21.655	ug/l		93
80) 1,3,5-Trimethylbenzene	12.737	105	233198	21.258	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.298	75	16441	20.977	ug/l	#	77
82) 4-Chlorotoluene	12.773	91	212568	22.094	ug/l		94
83) tert-Butylbenzene	12.993	119	218313	22.215	ug/l		94
84) 1,2,4-Trimethylbenzene	13.042	105	241097	22.168	ug/l		95
85) sec-Butylbenzene	13.176	105	324961	22.133	ug/l		98
86) p-Isopropyltoluene	13.292	119	265208	22.244	ug/l		95
87) 1,3-Dichlorobenzene	13.285	146	128347	22.049	ug/l		97
88) 1,4-Dichlorobenzene	13.365	146	126658	22.149	ug/l		97
89) n-Butylbenzene	13.615	91	259643	22.303	ug/l		99
90) Hexachloroethane	13.877	117	50151	21.602	ug/l		83
91) 1,2-Dichlorobenzene	13.657	146	114438	22.375	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8765	22.755	ug/l		77
93) 1,2,4-Trichlorobenzene	14.919	180	62802	21.898	ug/l		98
94) Hexachlorobutadiene	15.023	225	34213	21.457	ug/l		96
95) Naphthalene	15.145	128	123441	22.821	ug/l		98
96) 1,2,3-Trichlorobenzene	15.328	180	55912	23.063	ug/l		95

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

