

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101624\
 Data File : VY019919.D
 Acq On : 16 Oct 2024 16:38
 Operator : SY/MD
 Sample : VY1016SBS05
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1016SBS05

Quant Time: Oct 17 01:56:50 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	7.707	168	191110	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	334705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	290905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	145607	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.067	65	140600	59.750	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.500%	
35) Dibromofluoromethane	7.634	113	125366	56.760	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.520%	
50) Toluene-d8	10.103	98	443591	54.386	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.780%	
62) 4-Bromofluorobenzene	12.401	95	163690	55.542	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 111.080%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	43145	24.251	ug/l	99
3) Chloromethane	2.068	50	54093	23.361	ug/l	94
4) Vinyl Chloride	2.202	62	61397	24.096	ug/l	98
5) Bromomethane	2.598	94	39562	24.530	ug/l	95
6) Chloroethane	2.739	64	41715	24.369	ug/l	98
7) Trichlorofluoromethane	3.056	101	95205	25.110	ug/l	96
8) Diethyl Ether	3.458	74	28679	24.888	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.818	101	57796	26.207	ug/l	93
10) Methyl Iodide	4.013	142	49789	22.322	ug/l	92
11) Tert butyl alcohol	4.878	59	25773	126.521	ug/l #	92
12) 1,1-Dichloroethene	3.799	96	47596	23.215	ug/l	93
13) Acrolein	3.653	56	21508	124.390	ug/l	98
14) Allyl chloride	4.385	41	90027	24.337	ug/l #	91
15) Acrylonitrile	5.061	53	70135	133.068	ug/l	99
16) Acetone	3.873	43	78533	128.205	ug/l	88
17) Carbon Disulfide	4.110	76	103048	18.752	ug/l	99
18) Methyl Acetate	4.391	43	32002	24.252	ug/l	91
19) Methyl tert-butyl Ether	5.116	73	148154	25.153	ug/l	100
20) Methylene Chloride	4.622	84	61772	26.920	ug/l #	84
21) trans-1,2-Dichloroethene	5.116	96	50836	22.782	ug/l #	80
22) Diisopropyl ether	6.025	45	213779	26.531	ug/l #	91
23) Vinyl Acetate	5.964	43	586428	126.952	ug/l #	93
24) 1,1-Dichloroethane	5.915	63	113016	25.232	ug/l	94
25) 2-Butanone	6.896	43	107804	131.480	ug/l #	79
26) 2,2-Dichloropropane	6.896	77	92860	23.279	ug/l	95
27) cis-1,2-Dichloroethene	6.896	96	64935	23.548	ug/l	80
28) Bromochloromethane	7.244	49	50203	25.465	ug/l #	74
29) Tetrahydrofuran	7.262	42	62378	133.241	ug/l #	80
30) Chloroform	7.421	83	117900	25.822	ug/l	100
31) Cyclohexane	7.701	56	92331	23.483	ug/l	91
32) 1,1,1-Trichloroethane	7.622	97	99930	24.974	ug/l	94
36) 1,1-Dichloropropene	7.835	75	80096	25.172	ug/l	93
37) Ethyl Acetate	6.988	43	43294	26.093	ug/l #	93
38) Carbon Tetrachloride	7.817	117	84984	24.913	ug/l	99
39) Methylcyclohexane	9.109	83	93656	23.360	ug/l #	84
40) Benzene	8.079	78	234702	24.372	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.226	41	23712	26.405	ug/l	#	86
42) 1,2-Dichloroethane	8.158	62	71950	26.006	ug/l		94
43) Isopropyl Acetate	8.201	43	87522	25.865	ug/l	#	79
44) Trichloroethene	8.866	130	53664	23.008	ug/l		87
45) 1,2-Dichloropropane	9.146	63	61444	25.492	ug/l		100
46) Dibromomethane	9.231	93	32937	25.011	ug/l		89
47) Bromodichloromethane	9.420	83	89464	25.594	ug/l	#	98
48) Methyl methacrylate	9.219	41	38155	25.634	ug/l	#	81
49) 1,4-Dioxane	9.237	88	7382	500.839	ug/l	#	78
51) 4-Methyl-2-Pentanone	9.999	43	226137	131.021	ug/l		89
52) Toluene	10.170	92	148112	24.640	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	74683	23.746	ug/l		98
54) cis-1,3-Dichloropropene	9.859	75	89572	24.136	ug/l	#	84
55) 1,1,2-Trichloroethane	10.573	97	45323	26.122	ug/l		96
56) Ethyl methacrylate	10.438	69	61611	24.747	ug/l	#	70
57) 1,3-Dichloropropane	10.713	76	77983	25.594	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	156897	135.374	ug/l		92
59) 2-Hexanone	10.762	43	162233	131.604	ug/l		86
60) Dibromochloromethane	10.908	129	53978	24.238	ug/l		100
61) 1,2-Dibromoethane	11.011	107	39029	24.893	ug/l		100
64) Tetrachloroethene	10.646	164	49070	23.715	ug/l		95
65) Chlorobenzene	11.438	112	158502	23.822	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.517	131	53732	23.868	ug/l		99
67) Ethyl Benzene	11.517	91	293577	24.289	ug/l		100
68) m/p-Xylenes	11.627	106	213251	47.773	ug/l		91
69) o-Xylene	11.950	106	102723	23.951	ug/l		92
70) Styrene	11.969	104	174939	24.176	ug/l		95
71) Bromoform	12.127	173	27052	22.447	ug/l	#	98
73) Isopropylbenzene	12.255	105	284228	23.207	ug/l		99
74) N-amyl acetate	12.072	43	76699	23.645	ug/l	#	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	55422	25.467	ug/l		97
76) 1,2,3-Trichloropropane	12.554	75	43811m	15.359	ug/l		
77) Bromobenzene	12.529	156	58673	22.575	ug/l		83
78) n-propylbenzene	12.590	91	348663	23.560	ug/l		98
79) 2-Chlorotoluene	12.676	91	199192	23.478	ug/l		93
80) 1,3,5-Trimethylbenzene	12.737	105	228590	23.111	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.304	75	15152	21.441	ug/l	#	80
82) 4-Chlorotoluene	12.773	91	201509	23.229	ug/l		94
83) tert-Butylbenzene	12.993	119	211687	23.890	ug/l		95
84) 1,2,4-Trimethylbenzene	13.042	105	224395	22.883	ug/l		96
85) sec-Butylbenzene	13.176	105	319756	24.153	ug/l		97
86) p-Isopropyltoluene	13.292	119	249212	23.182	ug/l		95
87) 1,3-Dichlorobenzene	13.285	146	118468	22.572	ug/l		98
88) 1,4-Dichlorobenzene	13.365	146	119479	23.172	ug/l		96
89) n-Butylbenzene	13.615	91	256261	24.413	ug/l		97
90) Hexachloroethane	13.877	117	49182	23.495	ug/l		83
91) 1,2-Dichlorobenzene	13.657	146	109316	23.704	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.267	75	8368	24.094	ug/l		70
93) 1,2,4-Trichlorobenzene	14.919	180	58705	22.702	ug/l		98
94) Hexachlorobutadiene	15.023	225	33910	23.587	ug/l		97
95) Naphthalene	15.145	128	112422	23.051	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	51053	23.355	ug/l		97

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

