

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121924\
 Data File : VY020648.D
 Acq On : 19 Dec 2024 12:16
 Operator : SY/MD
 Sample : VY1219SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBSD01

Quant Time: Dec 20 00:48:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/20/2024
 Supervised By :Semsettin Yesilyurt 12/20/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	187374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	297478	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	260071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	145799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	93305	45.467	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.940%		
35) Dibromofluoromethane	7.634	113	93862	44.770	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.540%		
50) Toluene-d8	10.103	98	332399	45.297	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	90.600%		
62) 4-Bromofluorobenzene	12.402	95	124702	43.442	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	86.880%		
Target Compounds						Qvalue

2) Dichlorodifluoromethane	1.867	85	44009	18.804	ug/l	98
3) Chloromethane	2.068	50	25547	14.732	ug/l	98
4) Vinyl Chloride	2.202	62	24473	15.163	ug/l	99
5) Bromomethane	2.592	94	16142	15.559	ug/l	96
6) Chloroethane	2.733	64	14952	14.991	ug/l	96
7) Trichlorofluoromethane	3.062	101	58410	17.295	ug/l	95
8) Diethyl Ether	3.458	74	18320	15.468	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.824	101	40149	16.586	ug/l	97
10) Methyl Iodide	4.007	142	49248	18.273	ug/l	99
11) Tert butyl alcohol	4.872	59	20088	69.122	ug/l	99
12) 1,1-Dichloroethene	3.793	96	37628	16.020	ug/l	93
13) Acrolein	3.653	56	7082	72.984	ug/l	96
14) Allyl chloride	4.385	41	72949	17.725	ug/l	99
15) Acrylonitrile	5.068	53	56634	99.950	ug/l	100
16) Acetone	3.879	43	31360	72.348	ug/l	96
17) Carbon Disulfide	4.110	76	123486	16.152	ug/l	99
18) Methyl Acetate	4.385	43	26425	18.926	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	128833	21.252	ug/l	99
20) Methylene Chloride	4.622	84	49022	19.213	ug/l	94
21) trans-1,2-Dichloroethene	5.116	96	53881	20.451	ug/l	100
22) Diisopropyl ether	6.019	45	174885	20.934	ug/l	95
23) Vinyl Acetate	5.964	43	484917	102.487	ug/l	98
24) 1,1-Dichloroethane	5.921	63	100685	20.573	ug/l	99
25) 2-Butanone	6.896	43	70790	92.822	ug/l	99
26) 2,2-Dichloropropane	6.884	77	79396	17.161	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	62378	20.578	ug/l	98
28) Bromochloromethane	7.250	49	27430	16.616	ug/l	96
29) Tetrahydrofuran	7.262	42	48247	100.214	ug/l	97
30) Chloroform	7.421	83	104252	17.804	ug/l	96
31) Cyclohexane	7.701	56	90234	19.283	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	92248	20.516	ug/l	99
36) 1,1-Dichloropropene	7.835	75	74526	19.494	ug/l	99
37) Ethyl Acetate	6.988	43	35185	19.566	ug/l	98
38) Carbon Tetrachloride	7.817	117	83682	19.785	ug/l	96
39) Methylcyclohexane	9.110	83	95647	19.196	ug/l	98
40) Benzene	8.079	78	224893	20.069	ug/l	98

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41) Methacrylonitrile	7.220	41	18937	19.919	ug/l	94
42) 1,2-Dichloroethane	8.158	62	60759	20.444	ug/l	99
43) Isopropyl Acetate	8.201	43	68477	20.114	ug/l	99
44) Trichloroethene	8.866	130	55983	20.332	ug/l	99
45) 1,2-Dichloropropane	9.140	63	54592	20.845	ug/l	100
46) Dibromomethane	9.231	93	28370	20.497	ug/l	98
47) Bromodichloromethane	9.420	83	76846	20.554	ug/l	97
48) Methyl methacrylate	9.219	41	31654	19.559	ug/l	98
49) 1,4-Dioxane	9.231	88	6850	431.556	ug/l	91
51) 4-Methyl-2-Pentanone	10.000	43	175700	97.776	ug/l	99
52) Toluene	10.170	92	141527	20.323	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	70524	20.244	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	83064	20.121	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	38140	20.842	ug/l	98
56) Ethyl methacrylate	10.439	69	53934	20.316	ug/l	97
57) 1,3-Dichloropropane	10.713	76	68011	20.849	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	97648	87.418	ug/l	99
59) 2-Hexanone	10.762	43	112285	97.323	ug/l	98
60) Dibromochloromethane	10.908	129	50701	20.717	ug/l	97
61) 1,2-Dibromoethane	11.018	107	34845	20.471	ug/l	99
64) Tetrachloroethene	10.646	164	48558	19.850	ug/l	94
65) Chlorobenzene	11.438	112	151012	20.767	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	52397	21.072	ug/l	98
67) Ethyl Benzene	11.518	91	273589	20.393	ug/l	100
68) m/p-Xylenes	11.627	106	203239	40.745	ug/l	100
69) o-Xylene	11.957	106	95641	20.550	ug/l	98
70) Styrene	11.969	104	161573	20.779	ug/l	99
71) Bromoform	12.133	173	30081	21.516	ug/l #	99
73) Isopropylbenzene	12.255	105	258314	20.303	ug/l	100
74) N-amyl acetate	12.072	43	58991	19.811	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	43713	21.166	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	31746m	20.960	ug/l	
77) Bromobenzene	12.530	156	58884	21.246	ug/l	96
78) n-propylbenzene	12.597	91	313629	20.460	ug/l	100
79) 2-Chlorotoluene	12.676	91	177260	20.553	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	211239	20.461	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	14009	19.415	ug/l	99
82) 4-Chlorotoluene	12.780	91	182881	20.440	ug/l	99
83) tert-Butylbenzene	12.999	119	192166	20.553	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	211889	20.924	ug/l	100
85) sec-Butylbenzene	13.176	105	277206	20.391	ug/l	100
86) p-Isopropyltoluene	13.292	119	229321	20.460	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	114859	20.994	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	112768	20.811	ug/l	99
89) n-Butylbenzene	13.615	91	213814	20.129	ug/l	99
90) Hexachloroethane	13.883	117	46309	20.849	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	99191	20.925	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6717	20.033	ug/l	96
93) 1,2,4-Trichlorobenzene	14.926	180	58884	20.537	ug/l	100
94) Hexachlorobutadiene	15.029	225	38722	20.659	ug/l	99
95) Naphthalene	15.145	128	102448	20.841	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	50871	20.999	ug/l	100

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

