

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
 Data File : VY016987.D
 Acq On : 12 Jan 2024 12:49
 Operator : SY/MD
 Sample : VY0112SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0112SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/15/2024
 Supervised By :Semsettin Yesilyurt 01/15/2024

Quant Time: Jan 13 00:03:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	112743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	186156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	159657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	70464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	59450	53.351	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.700%			
35) Dibromofluoromethane	7.734	113	63278	53.343	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.680%			
50) Toluene-d8	10.191	98	222178	54.390	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.780%			
62) 4-Bromofluorobenzene	12.495	95	73683	53.464	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	19660	21.285	ug/l	96
3) Chloromethane	2.119	50	27189	20.529	ug/l	97
4) Vinyl Chloride	2.260	62	33189	21.245	ug/l	98
5) Bromomethane	2.656	94	24775	22.137	ug/l	94
6) Chloroethane	2.802	64	22645	21.429	ug/l	98
7) Trichlorofluoromethane	3.137	101	43057	22.369	ug/l	99
8) Diethyl Ether	3.540	74	14271	23.199	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.918	101	28057	22.418	ug/l	100
10) Methyl Iodide	4.107	142	22938	21.543	ug/l	98
11) Tert butyl alcohol	4.966	59	16016	189.546	ug/l #	95
12) 1,1-Dichloroethene	3.887	96	23224	21.627	ug/l	96
13) Acrolein	3.747	56	14673	116.551	ug/l	97
14) Allyl chloride	4.491	41	37116	21.864	ug/l	98
15) Acrylonitrile	5.180	53	34597	120.240	ug/l	99
16) Acetone	3.960	43	44627	153.144	ug/l	100
17) Carbon Disulfide	4.210	76	47035	18.331	ug/l	98
18) Methyl Acetate	4.497	43	25367	21.248	ug/l	99
19) Methyl tert-butyl Ether	5.241	73	67203	24.055	ug/l	98
20) Methylene Chloride	4.735	84	36492	20.656	ug/l	95
21) trans-1,2-Dichloroethene	5.241	96	27033	21.980	ug/l	97
22) Diisopropyl ether	6.137	45	92514	23.572	ug/l	97
23) Vinyl Acetate	6.076	43	218367	121.344	ug/l	100
24) 1,1-Dichloroethane	6.039	63	53260	22.582	ug/l	99
25) 2-Butanone	7.003	43	54483	138.969	ug/l	96
26) 2,2-Dichloropropane	6.996	77	46951	22.960	ug/l	100
27) cis-1,2-Dichloroethene	7.009	96	33338	23.124	ug/l	100
28) Bromochloromethane	7.350	49	20466	23.114	ug/l	99
29) Tetrahydrofuran	7.368	42	27069	120.023	ug/l	99
30) Chloroform	7.527	83	56259	23.148	ug/l	95
31) Cyclohexane	7.801	56	40420	21.135	ug/l	96
32) 1,1,1-Trichloroethane	7.722	97	47126	22.868	ug/l	98
36) 1,1-Dichloropropene	7.935	75	39703	22.966	ug/l	99
37) Ethyl Acetate	7.088	43	19195	24.432	ug/l	96
38) Carbon Tetrachloride	7.917	117	40012	22.780	ug/l	94
39) Methylcyclohexane	9.197	83	41148	21.172	ug/l	95
40) Benzene	8.173	78	118400	22.831	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	8631m	20.860	ug/l	
42) 1,2-Dichloroethane	8.252	62	32081	23.302	ug/l	98
43) Isopropyl Acetate	8.289	43	36465	24.238	ug/l	99
44) Trichloroethene	8.953	130	30195	22.881	ug/l	96
45) 1,2-Dichloropropane	9.234	63	31628	23.673	ug/l	99
46) Dibromomethane	9.319	93	16068	23.581	ug/l	98
47) Bromodichloromethane	9.508	83	42308	23.122	ug/l	94
48) Methyl methacrylate	9.307	41	18874	23.246	ug/l	95
49) 1,4-Dioxane	9.319	88	3255	461.359	ug/l	94
51) 4-Methyl-2-Pentanone	10.081	43	100267	125.317	ug/l	99
52) Toluene	10.258	92	72153	23.054	ug/l	100
53) t-1,3-Dichloropropene	10.478	75	37227	22.714	ug/l	95
54) cis-1,3-Dichloropropene	9.941	75	45972	23.357	ug/l	95
55) 1,1,2-Trichloroethane	10.654	97	24015	24.125	ug/l	98
56) Ethyl methacrylate	10.526	69	20293	24.068	ug/l	99
57) 1,3-Dichloropropane	10.801	76	39988	24.060	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.795	63	51471	107.683	ug/l	99
59) 2-Hexanone	10.843	43	75609	128.337	ug/l	100
60) Dibromochloromethane	10.996	129	27995	24.387	ug/l	98
61) 1,2-Dibromoethane	11.099	107	19967	23.086	ug/l	98
64) Tetrachloroethene	10.734	164	23468	22.673	ug/l	98
65) Chlorobenzene	11.532	112	77110	23.184	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.605	131	29651	23.452	ug/l	99
67) Ethyl Benzene	11.605	91	137047	22.888	ug/l	99
68) m/p-Xylenes	11.715	106	102266	46.529	ug/l	99
69) o-Xylene	12.044	106	47263	22.938	ug/l	99
70) Styrene	12.057	104	70098	23.375	ug/l	99
71) Bromoform	12.221	173	14901	23.941	ug/l #	97
73) Isopropylbenzene	12.343	105	132500	23.027	ug/l	99
74) N-amyl acetate	12.154	43	28264	24.448	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	27555	23.503	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	15717m	20.554	ug/l	
77) Bromobenzene	12.624	156	28971	22.868	ug/l	98
78) n-propylbenzene	12.684	91	161096	23.029	ug/l	99
79) 2-Chlorotoluene	12.770	91	88577	22.834	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	104725	23.012	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	7642	22.694	ug/l	98
82) 4-Chlorotoluene	12.867	91	90742	22.897	ug/l	99
83) tert-Butylbenzene	13.087	119	93264	23.268	ug/l	99
84) 1,2,4-Trimethylbenzene	13.136	105	102239	22.813	ug/l	98
85) sec-Butylbenzene	13.264	105	137235	23.107	ug/l	99
86) p-Isopropyltoluene	13.379	119	112283	22.907	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	55762	22.443	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	55664	22.905	ug/l	99
89) n-Butylbenzene	13.709	91	107190	22.744	ug/l	99
90) Hexachloroethane	13.971	117	23908	22.699	ug/l	100
91) 1,2-Dichlorobenzene	13.751	146	48648	22.656	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.373	75	3570	24.282	ug/l	94
93) 1,2,4-Trichlorobenzene	15.019	180	23860	22.377	ug/l	98
94) Hexachlorobutadiene	15.123	225	14592	21.846	ug/l	97
95) Naphthalene	15.251	128	42118	23.345	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	19619	21.670	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

