

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010824\
 Data File : VY016930.D
 Acq On : 08 Jan 2024 11:57
 Operator : SY/MD
 Sample : VY0108SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0108SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/09/2024
 Supervised By :Semsettin Yesilyurt 01/09/2024

Quant Time: Jan 09 06:34:05 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	132606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	222536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	188375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	81898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	66074	50.414	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.820%			
35) Dibromofluoromethane	7.740	113	72578	51.180	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.360%			
50) Toluene-d8	10.197	98	256946	52.618	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.240%			
62) 4-Bromofluorobenzene	12.495	95	82541	50.100	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.200%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	20871	18.945	ug/l	95
3) Chloromethane	2.125	50	29295	18.806	ug/l	98
4) Vinyl Chloride	2.266	62	34642	18.853	ug/l	97
5) Bromomethane	2.662	94	25450	19.334	ug/l	95
6) Chloroethane	2.814	64	24007	19.315	ug/l	99
7) Trichlorofluoromethane	3.144	101	44556	19.680	ug/l	100
8) Diethyl Ether	3.546	74	13421	18.550	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.918	101	28743	19.526	ug/l	99
10) Methyl Iodide	4.113	142	22915	18.298	ug/l	100
11) Tert butyl alcohol	4.966	59	12233	109.664	ug/l #	94
12) 1,1-Dichloroethene	3.893	96	24569	19.453	ug/l	98
13) Acrolein	3.747	56	16442	110.655	ug/l	99
14) Allyl chloride	4.503	41	38812	19.438	ug/l	99
15) Acrylonitrile	5.186	53	32590	96.299	ug/l	100
16) Acetone	3.960	43	42262	118.098	ug/l	98
17) Carbon Disulfide	4.223	76	54573	18.083	ug/l	99
18) Methyl Acetate	4.497	43	24831	17.684	ug/l	99
19) Methyl tert-butyl Ether	5.241	73	64480	19.623	ug/l	100
20) Methylene Chloride	4.741	84	37979	17.311	ug/l	98
21) trans-1,2-Dichloroethene	5.253	96	28047	19.389	ug/l	94
22) Diisopropyl ether	6.143	45	93469	20.248	ug/l	98
23) Vinyl Acetate	6.088	43	216044	102.070	ug/l	99
24) 1,1-Dichloroethane	6.045	63	55588	20.039	ug/l	99
25) 2-Butanone	7.009	43	51025	108.598	ug/l	94
26) 2,2-Dichloropropane	7.009	77	47453	19.729	ug/l	99
27) cis-1,2-Dichloroethene	7.009	96	33968	20.032	ug/l	98
28) Bromochloromethane	7.362	49	20554	19.737	ug/l	97
29) Tetrahydrofuran	7.368	42	25311	95.417	ug/l	98
30) Chloroform	7.527	83	56957	19.924	ug/l	97
31) Cyclohexane	7.807	56	42902	19.072	ug/l #	90
32) 1,1,1-Trichloroethane	7.722	97	48471	19.997	ug/l	99
36) 1,1-Dichloropropene	7.941	75	40560	19.626	ug/l	99
37) Ethyl Acetate	7.094	43	19365	20.619	ug/l	98
38) Carbon Tetrachloride	7.923	117	41194	19.619	ug/l	98
39) Methylcyclohexane	9.197	83	43854	18.876	ug/l	99
40) Benzene	8.179	78	121418	19.585	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	8462m	17.108	ug/l	
42) 1,2-Dichloroethane	8.252	62	32340	19.650	ug/l	99
43) Isopropyl Acetate	8.289	43	34940	19.427	ug/l	99
44) Trichloroethene	8.960	130	31659	20.069	ug/l	96
45) 1,2-Dichloropropane	9.234	63	31776	19.896	ug/l	96
46) Dibromomethane	9.325	93	15969	19.605	ug/l	98
47) Bromodichloromethane	9.514	83	42786	19.561	ug/l	93
48) Methyl methacrylate	9.307	41	18558	19.120	ug/l	99
49) 1,4-Dioxane	9.313	88	3144	372.776	ug/l	95
51) 4-Methyl-2-Pentanone	10.087	43	91086	95.231	ug/l	100
52) Toluene	10.258	92	74059	19.794	ug/l	99
53) t-1,3-Dichloropropene	10.478	75	37913	19.351	ug/l	98
54) cis-1,3-Dichloropropene	9.947	75	46190	19.631	ug/l	98
55) 1,1,2-Trichloroethane	10.660	97	22935	19.273	ug/l	96
56) Ethyl methacrylate	10.526	69	19080	18.930	ug/l	96
57) 1,3-Dichloropropane	10.801	76	39339	19.800	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	52415	94.314	ug/l	99
59) 2-Hexanone	10.843	43	70243	99.737	ug/l	100
60) Dibromochloromethane	11.002	129	27063	19.721	ug/l	99
61) 1,2-Dibromoethane	11.105	107	20293	19.627	ug/l	99
64) Tetrachloroethene	10.734	164	24466	20.033	ug/l	95
65) Chlorobenzene	11.532	112	78967	20.123	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.605	131	29286	19.632	ug/l	99
67) Ethyl Benzene	11.605	91	140446	19.879	ug/l	98
68) m/p-Xylenes	11.715	106	103834	40.040	ug/l	100
69) o-Xylene	12.044	106	48325	19.878	ug/l	99
70) Styrene	12.057	104	71526	20.215	ug/l	99
71) Bromoform	12.221	173	14401	19.610	ug/l #	97
73) Isopropylbenzene	12.343	105	133760	20.000	ug/l	100
74) N-amyl acetate	12.154	43	26124	19.442	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	26120	19.168	ug/l	97
76) 1,2,3-Trichloropropane	12.642	75	18257m	20.543	ug/l	
77) Bromobenzene	12.624	156	29172	19.812	ug/l	97
78) n-propylbenzene	12.684	91	164580	20.242	ug/l	100
79) 2-Chlorotoluene	12.770	91	89475	19.846	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	107281	20.283	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	7404	18.917	ug/l	99
82) 4-Chlorotoluene	12.867	91	93532	20.306	ug/l	99
83) tert-Butylbenzene	13.087	119	94158	20.211	ug/l	99
84) 1,2,4-Trimethylbenzene	13.130	105	104292	20.022	ug/l	98
85) sec-Butylbenzene	13.264	105	139764	20.247	ug/l	99
86) p-Isopropyltoluene	13.379	119	114094	20.027	ug/l	100
87) 1,3-Dichlorobenzene	13.379	146	56629	19.610	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	56512	20.008	ug/l	99
89) n-Butylbenzene	13.709	91	109417	19.976	ug/l	100
90) Hexachloroethane	13.971	117	24050	19.646	ug/l	100
91) 1,2-Dichlorobenzene	13.751	146	49479	19.826	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3143	18.393	ug/l	96
93) 1,2,4-Trichlorobenzene	15.019	180	23961	19.335	ug/l	99
94) Hexachlorobutadiene	15.123	225	15805	20.358	ug/l	98
95) Naphthalene	15.245	128	39713	19.224	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	19421	18.456	ug/l	95

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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

