

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
 Data File : VY016942.D
 Acq On : 09 Jan 2024 11:28
 Operator : SY/MD
 Sample : VY0109SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0109SBS01

Quant Time: Jan 10 02:23:59 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/10/2024
 Supervised By :Semsettin Yesilyurt 01/10/2024

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	124608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	211265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	177026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.441	152	77637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	61853	50.223	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.440%			
35) Dibromofluoromethane	7.740	113	66282	49.234	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.460%			
50) Toluene-d8	10.197	98	237813	51.299	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.600%			
62) 4-Bromofluorobenzene	12.496	95	77000	49.230	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	20966	20.440	ug/l	96
3) Chloromethane	2.125	50	29578	20.206	ug/l	100
4) Vinyl Chloride	2.266	62	36652	21.228	ug/l	99
5) Bromomethane	2.662	94	25672	20.754	ug/l	93
6) Chloroethane	2.808	64	24651	21.106	ug/l	99
7) Trichlorofluoromethane	3.144	101	46267	21.748	ug/l	99
8) Diethyl Ether	3.546	74	14714	21.642	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.918	101	30961	22.382	ug/l	99
10) Methyl Iodide	4.113	142	24120	20.496	ug/l	98
11) Tert butyl alcohol	4.973	59	11383	108.221	ug/l #	88
12) 1,1-Dichloroethene	3.893	96	25871	21.798	ug/l	95
13) Acrolein	3.747	56	16051	115.273	ug/l	95
14) Allyl chloride	4.503	41	41478	22.107	ug/l	95
15) Acrylonitrile	5.180	53	35452	111.480	ug/l	100
16) Acetone	3.967	43	45627	139.664	ug/l	99
17) Carbon Disulfide	4.217	76	53680	18.929	ug/l	99
18) Methyl Acetate	4.497	43	26219	19.871	ug/l	100
19) Methyl tert-butyl Ether	5.247	73	68190	22.084	ug/l	99
20) Methylene Chloride	4.741	84	36640	17.994	ug/l	96
21) trans-1,2-Dichloroethene	5.247	96	29251	21.519	ug/l	99
22) Diisopropyl ether	6.143	45	99831	23.014	ug/l	98
23) Vinyl Acetate	6.082	43	232666	116.979	ug/l	100
24) 1,1-Dichloroethane	6.039	63	58192	22.324	ug/l	100
25) 2-Butanone	7.009	43	55806	128.051	ug/l	98
26) 2,2-Dichloropropane	7.003	77	49141	21.743	ug/l	99
27) cis-1,2-Dichloroethene	7.009	96	35709	22.410	ug/l	99
28) Bromochloromethane	7.356	49	20222	20.664	ug/l	100
29) Tetrahydrofuran	7.368	42	27246	109.305	ug/l	99
30) Chloroform	7.527	83	60441	22.500	ug/l	98
31) Cyclohexane	7.807	56	44548	21.075	ug/l	95
32) 1,1,1-Trichloroethane	7.728	97	50771	22.291	ug/l	99
36) 1,1-Dichloropropene	7.941	75	42576	21.700	ug/l	98
37) Ethyl Acetate	7.094	43	20317	22.787	ug/l	98
38) Carbon Tetrachloride	7.923	117	42864	21.504	ug/l	99
39) Methylcyclohexane	9.203	83	45916	20.818	ug/l	98
40) Benzene	8.179	78	126788	21.542	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	7.326	41	9399	20.016	ug/l #	85
42) 1,2-Dichloroethane	8.258	62	34080	21.812	ug/l	99
43) Isopropyl Acetate	8.289	43	37640	22.045	ug/l	99
44) Trichloroethene	8.960	130	31985	21.357	ug/l	99
45) 1,2-Dichloropropane	9.234	63	33252	21.930	ug/l	97
46) Dibromomethane	9.325	93	16579	21.439	ug/l	100
47) Bromodichloromethane	9.514	83	45017	21.679	ug/l	96
48) Methyl methacrylate	9.307	41	19453	21.111	ug/l	97
49) 1,4-Dioxane	9.319	88	3491	436.001	ug/l	96
51) 4-Methyl-2-Pentanone	10.087	43	100572	110.759	ug/l	99
52) Toluene	10.264	92	78163	22.006	ug/l	99
53) t-1,3-Dichloropropene	10.484	75	39881	21.441	ug/l	100
54) cis-1,3-Dichloropropene	9.947	75	49205	22.028	ug/l	100
55) 1,1,2-Trichloroethane	10.661	97	25472	22.547	ug/l	96
56) Ethyl methacrylate	10.526	69	20684	21.616	ug/l	96
57) 1,3-Dichloropropane	10.807	76	41460	21.981	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.801	63	53717	100.427	ug/l	99
59) 2-Hexanone	10.850	43	79019	118.184	ug/l	99
60) Dibromochloromethane	11.002	129	28334	21.748	ug/l	100
61) 1,2-Dibromoethane	11.106	107	21543	21.948	ug/l	100
64) Tetrachloroethene	10.740	164	24561	21.400	ug/l	97
65) Chlorobenzene	11.532	112	82355	22.332	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	31763	22.658	ug/l	99
67) Ethyl Benzene	11.612	91	146247	22.028	ug/l	100
68) m/p-Xylenes	11.721	106	108695	44.602	ug/l	99
69) o-Xylene	12.044	106	51165	22.395	ug/l	98
70) Styrene	12.063	104	74627	22.444	ug/l	99
71) Bromoform	12.221	173	15423	22.348	ug/l #	99
73) Isopropylbenzene	12.343	105	141713	22.353	ug/l	99
74) N-amyl acetate	12.160	43	28632	22.478	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	29121	22.543	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	18007m	21.373	ug/l	
77) Bromobenzene	12.624	156	30683	21.982	ug/l	98
78) n-propylbenzene	12.685	91	172274	22.352	ug/l	99
79) 2-Chlorotoluene	12.770	91	94768	22.173	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	112471	22.431	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.392	75	7767	20.934	ug/l	99
82) 4-Chlorotoluene	12.874	91	95976	21.980	ug/l	99
83) tert-Butylbenzene	13.087	119	95137	21.542	ug/l	95
84) 1,2,4-Trimethylbenzene	13.136	105	110238	22.325	ug/l	99
85) sec-Butylbenzene	13.270	105	147269	22.505	ug/l	99
86) p-Isopropyltoluene	13.386	119	120522	22.316	ug/l	99
87) 1,3-Dichlorobenzene	13.380	146	59515	21.740	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	58793	21.958	ug/l	99
89) n-Butylbenzene	13.709	91	115809	22.303	ug/l	99
90) Hexachloroethane	13.977	117	25514	21.985	ug/l	99
91) 1,2-Dichlorobenzene	13.758	146	51584	21.804	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	3570	22.039	ug/l	97
93) 1,2,4-Trichlorobenzene	15.019	180	26377	22.452	ug/l	98
94) Hexachlorobutadiene	15.129	225	16601	22.557	ug/l	99
95) Naphthalene	15.251	128	45225	22.794	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	21581	21.635	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

