

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010824\
 Data File : VY016929.D
 Acq On : 08 Jan 2024 11:35
 Operator : SY/MD
 Sample : VY0108SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0108SBS01

Quant Time: Jan 09 06:33:20 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 01/09/2024
 Supervised By :Semsettin Yesilyurt 01/09/2024

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	134793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	224878	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	191502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.447	152	84055	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	60941	45.743	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.480%		
35) Dibromofluoromethane	7.740	113	67132	46.847	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.700%		
50) Toluene-d8	10.197	98	240713	48.781	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.560%		
62) 4-Bromofluorobenzene	12.502	95	77013	46.258	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery =	92.520%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	19903	17.609	ug/l	95
3) Chloromethane	2.125	50	28417	17.946	ug/l	95
4) Vinyl Chloride	2.266	62	33658	18.021	ug/l	96
5) Bromomethane	2.662	94	24339	18.190	ug/l	92
6) Chloroethane	2.808	64	22662	17.937	ug/l	99
7) Trichlorofluoromethane	3.144	101	42958	18.667	ug/l	99
8) Diethyl Ether	3.546	74	12610	17.146	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.912	101	28137	18.804	ug/l	99
10) Methyl Iodide	4.107	142	21139	16.606	ug/l	98
11) Tert butyl alcohol	4.960	59	9646	76.483	ug/l #	94
12) 1,1-Dichloroethene	3.887	96	23309	18.155	ug/l	95
13) Acrolein	3.747	56	15527	102.225	ug/l	97
14) Allyl chloride	4.503	41	36852	18.157	ug/l	99
15) Acrylonitrile	5.186	53	29704	86.347	ug/l	99
16) Acetone	3.960	43	39083	105.032	ug/l	97
17) Carbon Disulfide	4.216	76	52365	17.070	ug/l	100
18) Methyl Acetate	4.491	43	22170	15.533	ug/l	99
19) Methyl tert-butyl Ether	5.241	73	58872	17.626	ug/l	96
20) Methylene Chloride	4.735	84	34745	14.759	ug/l	96
21) trans-1,2-Dichloroethene	5.241	96	26529	18.042	ug/l	97
22) Diisopropyl ether	6.143	45	86806	18.500	ug/l	96
23) Vinyl Acetate	6.082	43	201005	93.424	ug/l	98
24) 1,1-Dichloroethane	6.039	63	52449	18.601	ug/l	99
25) 2-Butanone	7.003	43	46090	95.380	ug/l	99
26) 2,2-Dichloropropane	7.003	77	44820	18.332	ug/l	100
27) cis-1,2-Dichloroethene	7.003	96	31264	18.138	ug/l	96
28) Bromochloromethane	7.356	49	21221	20.047	ug/l	99
29) Tetrahydrofuran	7.368	42	23334	86.537	ug/l	96
30) Chloroform	7.527	83	54051	18.601	ug/l	95
31) Cyclohexane	7.807	56	41301	18.063	ug/l	95
32) 1,1,1-Trichloroethane	7.722	97	46492	18.870	ug/l	99
36) 1,1-Dichloropropene	7.941	75	38761	18.560	ug/l	100
37) Ethyl Acetate	7.094	43	17157	18.078	ug/l	99
38) Carbon Tetrachloride	7.923	117	39498	18.615	ug/l	97
39) Methylcyclohexane	9.203	83	41735	17.777	ug/l	98
40) Benzene	8.179	78	115713	18.470	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	8027	16.059	ug/l #	88
42) 1,2-Dichloroethane	8.258	62	29960	18.014	ug/l	100
43) Isopropyl Acetate	8.289	43	32055	17.638	ug/l	100
44) Trichloroethene	8.960	130	29855	18.728	ug/l	96
45) 1,2-Dichloropropane	9.234	63	29856	18.499	ug/l	97
46) Dibromomethane	9.325	93	14572	17.703	ug/l	98
47) Bromodichloromethane	9.514	83	40148	18.164	ug/l	95
48) Methyl methacrylate	9.307	41	16459	16.781	ug/l	97
49) 1,4-Dioxane	9.319	88	2755	323.251	ug/l	92
51) 4-Methyl-2-Pentanone	10.087	43	82886	85.755	ug/l	100
52) Toluene	10.264	92	70327	18.601	ug/l	99
53) t-1,3-Dichloropropene	10.484	75	34256	17.302	ug/l	96
54) cis-1,3-Dichloropropene	9.947	75	43551	18.317	ug/l	97
55) 1,1,2-Trichloroethane	10.660	97	21498	17.877	ug/l	96
56) Ethyl methacrylate	10.526	69	17520	17.201	ug/l	95
57) 1,3-Dichloropropane	10.807	76	36562	18.211	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	51957	92.849	ug/l	98
59) 2-Hexanone	10.849	43	64071	90.026	ug/l	99
60) Dibromochloromethane	11.002	129	25035	18.053	ug/l	100
61) 1,2-Dibromoethane	11.105	107	18311	17.526	ug/l	99
64) Tetrachloroethene	10.740	164	22690	18.276	ug/l	96
65) Chlorobenzene	11.532	112	73516	18.428	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	27512	18.142	ug/l	99
67) Ethyl Benzene	11.611	91	132212	18.408	ug/l	99
68) m/p-Xylenes	11.721	106	97811	37.102	ug/l	98
69) o-Xylene	12.044	106	45541	18.427	ug/l	100
70) Styrene	12.063	104	65947	18.334	ug/l	99
71) Bromoform	12.227	173	13371	17.910	ug/l #	99
73) Isopropylbenzene	12.349	105	125621	18.301	ug/l	100
74) N-amyl acetate	12.160	43	24017	17.415	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.599	83	24057	17.201	ug/l	99
76) 1,2,3-Trichloropropane	12.654	75	16584m	18.181	ug/l	
77) Bromobenzene	12.630	156	26847	17.765	ug/l	98
78) n-propylbenzene	12.691	91	151873	18.200	ug/l	99
79) 2-Chlorotoluene	12.776	91	82851	17.905	ug/l	100
80) 1,3,5-Trimethylbenzene	12.831	105	99505	18.330	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.398	75	6745	16.791	ug/l	98
82) 4-Chlorotoluene	12.873	91	85425	18.070	ug/l	99
83) tert-Butylbenzene	13.093	119	88417	18.492	ug/l	100
84) 1,2,4-Trimethylbenzene	13.136	105	97718	18.278	ug/l	98
85) sec-Butylbenzene	13.270	105	129142	18.228	ug/l	99
86) p-Isopropyltoluene	13.386	119	106546	18.222	ug/l	99
87) 1,3-Dichlorobenzene	13.386	146	53447	18.033	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	52484	18.105	ug/l	98
89) n-Butylbenzene	13.715	91	102134	18.167	ug/l	98
90) Hexachloroethane	13.977	117	22134	17.617	ug/l	99
91) 1,2-Dichlorobenzene	13.757	146	45035	17.582	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.373	75	2973	16.952	ug/l	95
93) 1,2,4-Trichlorobenzene	15.026	180	21660	17.029	ug/l	98
94) Hexachlorobutadiene	15.129	225	14551	18.262	ug/l	99
95) Naphthalene	15.251	128	36374	17.291	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	17853	16.531	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

