

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015098.D
 Acq On : 15 Aug 2023 13:04
 Operator : SY/MD
 Sample : VY0815SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0815SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023

Quant Time: Aug 15 15:22:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	162966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	263233	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	239711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	125108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	113893	58.220	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.440%			
35) Dibromofluoromethane	7.716	113	96812	57.168	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.340%			
50) Toluene-d8	10.179	98	347341	55.098	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.200%			
62) 4-Bromofluorobenzene	12.477	95	130264	56.574	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 113.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	21220	28.215	ug/l	97
3) Chloromethane	2.107	50	24044	22.613	ug/l	98
4) Vinyl Chloride	2.247	62	31064	23.955	ug/l	98
5) Bromomethane	2.619	94	24445	24.864	ug/l	100
6) Chloroethane	2.778	64	22974	24.402	ug/l	94
7) Trichlorofluoromethane	3.113	101	53526	24.496	ug/l	100
8) Diethyl Ether	3.521	74	20061	23.410	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	32808	24.159	ug/l	99
10) Methyl Iodide	4.082	142	27451	20.586	ug/l	99
11) Tert butyl alcohol	4.948	59	71830	221.154	ug/l #	93
12) 1,1-Dichloroethene	3.863	96	26289	23.183	ug/l	93
13) Acrolein	3.722	56	25898	196.262	ug/l	95
14) Allyl chloride	4.472	41	44065	21.917	ug/l	97
15) Acrylonitrile	5.155	53	70709	121.756	ug/l	98
16) Acetone	3.942	43	79044	123.685	ug/l	93
17) Carbon Disulfide	4.186	76	42134	21.113	ug/l	98
18) Methyl Acetate	4.472	43	55833	23.840	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	113797	23.601	ug/l	97
20) Methylene Chloride	4.710	84	65065	41.750	ug/l	86
21) trans-1,2-Dichloroethene	5.210	96	28806	22.520	ug/l	98
22) Diisopropyl ether	6.112	45	113140	22.552	ug/l	94
23) Vinyl Acetate	6.051	43	332235	110.987	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	62356	22.958	ug/l	94
25) 2-Butanone	6.984	43	111872	123.634	ug/l	97
26) 2,2-Dichloropropane	6.972	77	61368	23.438	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	40459	23.155	ug/l	98
28) Bromochloromethane	7.332	49	29248	23.439	ug/l	89
29) Tetrahydrofuran	7.344	42	64593	119.383	ug/l	91
30) Chloroform	7.502	83	70954	23.304	ug/l	98
31) Cyclohexane	7.777	56	42808	23.126	ug/l	85
32) 1,1,1-Trichloroethane	7.697	97	61350	23.679	ug/l	99
36) 1,1-Dichloropropene	7.911	75	43727	23.340	ug/l	99
37) Ethyl Acetate	7.069	43	42539	24.359	ug/l #	95
38) Carbon Tetrachloride	7.892	117	52948	23.880	ug/l	97
39) Methylcyclohexane	9.179	83	49158	23.405	ug/l	95
40) Benzene	8.155	78	132852	23.454	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	7.307	41	18891m	20.978	ug/l	
42) 1,2-Dichloroethane	8.234	62	49848	24.232	ug/l	95
43) Isopropyl Acetate	8.270	43	75043	23.597	ug/l	97
44) Trichloroethene	8.935	130	39365	24.123	ug/l	97
45) 1,2-Dichloropropane	9.215	63	36799	23.039	ug/l	94
46) Dibromomethane	9.301	93	24475	24.295	ug/l	98
47) Bromodichloromethane	9.496	83	56792	23.625	ug/l	96
48) Methyl methacrylate	9.295	41	32099	23.595	ug/l	93
49) 1,4-Dioxane	9.295	88	10087	500.735	ug/l #	58
51) 4-Methyl-2-Pentanone	10.069	43	221993	120.445	ug/l	93
52) Toluene	10.240	92	87129	23.338	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	57711	22.844	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	61485	23.109	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	36921	24.104	ug/l	96
56) Ethyl methacrylate	10.508	69	52020	23.205	ug/l	92
57) 1,3-Dichloropropane	10.788	76	60800	24.295	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	66917	64.143	ug/l	93
59) 2-Hexanone	10.831	43	165976	121.675	ug/l	93
60) Dibromochloromethane	10.983	129	43739	23.938	ug/l	98
61) 1,2-Dibromoethane	11.087	107	34573	23.759	ug/l	100
64) Tetrachloroethene	10.715	164	42417	25.399	ug/l	97
65) Chlorobenzene	11.514	112	103705	23.744	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	42138	23.778	ug/l	100
67) Ethyl Benzene	11.593	91	177454	23.189	ug/l	98
68) m/p-Xylenes	11.703	106	137658	47.364	ug/l	95
69) o-Xylene	12.026	106	68427	23.634	ug/l	96
70) Styrene	12.044	104	115988	23.146	ug/l	98
71) Bromoform	12.209	173	31224	24.305	ug/l #	97
73) Isopropylbenzene	12.331	105	183541	22.815	ug/l	99
74) N-amyl acetate	12.142	43	64321	22.145	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	47512	22.676	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	37889m	24.927	ug/l	
77) Bromobenzene	12.605	156	46163	23.541	ug/l	99
78) n-propylbenzene	12.672	91	219262	22.952	ug/l	98
79) 2-Chlorotoluene	12.757	91	126071	22.876	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	156671	23.363	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	15029	21.718	ug/l	98
82) 4-Chlorotoluene	12.855	91	132192	23.218	ug/l	99
83) tert-Butylbenzene	13.074	119	142350	23.208	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	155990	23.279	ug/l	99
85) sec-Butylbenzene	13.251	105	207570	23.096	ug/l	100
86) p-Isopropyltoluene	13.367	119	176142	23.639	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	91557	23.540	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	92037	23.593	ug/l	99
89) n-Butylbenzene	13.696	91	161766	23.026	ug/l	97
90) Hexachloroethane	13.958	117	33188	22.452	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	85617	23.563	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9545	23.517	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	55321	23.716	ug/l	98
94) Hexachlorobutadiene	15.111	225	30550	24.077	ug/l	98
95) Naphthalene	15.233	128	134847	23.206	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	49911	23.692	ug/l	98

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

