

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080823\
 Data File : VY014977.D
 Acq On : 08 Aug 2023 12:02
 Operator : SY/MD
 Sample : VY0808SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0808SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023

Quant Time: Aug 08 15:52:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	282918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	471299	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	425749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	217594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	186569	54.408	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.820%			
35) Dibromofluoromethane	7.716	113	162831	54.027	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.060%			
50) Toluene-d8	10.179	98	601206	52.409	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.820%			
62) 4-Bromofluorobenzene	12.483	95	215991	53.125	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.260%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	37539	21.969	ug/l	98
3) Chloromethane	2.113	50	48950	21.985	ug/l	98
4) Vinyl Chloride	2.247	62	57899	21.103	ug/l	96
5) Bromomethane	2.631	94	40726	20.686	ug/l	99
6) Chloroethane	2.784	64	39839	21.031	ug/l	93
7) Trichlorofluoromethane	3.113	101	89121	20.556	ug/l	98
8) Diethyl Ether	3.534	74	34393	21.498	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	53239	20.743	ug/l	96
10) Methyl Iodide	4.089	142	52787	19.893	ug/l	98
11) Tert butyl alcohol	4.954	59	113288	136.892	ug/l #	93
12) 1,1-Dichloroethene	3.863	96	47076	21.051	ug/l	90
13) Acrolein	3.729	56	53737	190.874	ug/l	96
14) Allyl chloride	4.479	41	78322	21.032	ug/l	96
15) Acrylonitrile	5.168	53	112147	114.741	ug/l	100
16) Acetone	3.954	43	132283	123.712	ug/l	92
17) Carbon Disulfide	4.186	76	99967	20.219	ug/l	99
18) Methyl Acetate	4.479	43	94680	24.314	ug/l	93
19) Methyl tert-butyl Ether	5.229	73	183058	21.637	ug/l	100
20) Methylene Chloride	4.716	84	128092	23.794	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	52872	20.742	ug/l	97
22) Diisopropyl ether	6.119	45	182066	20.990	ug/l	96
23) Vinyl Acetate	6.064	43	547989	105.095	ug/l	95
24) 1,1-Dichloroethane	6.015	63	103840	21.105	ug/l	96
25) 2-Butanone	6.990	43	185908	121.387	ug/l	100
26) 2,2-Dichloropropane	6.978	77	99490	19.985	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	67222	20.839	ug/l	98
28) Bromochloromethane	7.332	49	49315	22.235	ug/l	93
29) Tetrahydrofuran	7.350	42	105691	117.680	ug/l	91
30) Chloroform	7.509	83	115497	21.610	ug/l	99
31) Cyclohexane	7.783	56	78468	20.015	ug/l #	87
32) 1,1,1-Trichloroethane	7.704	97	98103	20.828	ug/l	98
36) 1,1-Dichloropropene	7.917	75	74852	20.004	ug/l	97
37) Ethyl Acetate	7.076	43	67420	22.700	ug/l #	94
38) Carbon Tetrachloride	7.899	117	85787	20.394	ug/l	96
39) Methylcyclohexane	9.185	83	89707	20.160	ug/l	93
40) Benzene	8.161	78	226954	20.598	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	36358m	25.190	ug/l	
42) 1,2-Dichloroethane	8.234	62	81204	21.173	ug/l	97
43) Isopropyl Acetate	8.277	43	121908	22.092	ug/l	98
44) Trichloroethene	8.941	130	64440	20.383	ug/l	97
45) 1,2-Dichloropropane	9.216	63	60359	20.613	ug/l	96
46) Dibromomethane	9.307	93	40054	21.234	ug/l	97
47) Bromodichloromethane	9.496	83	89590	20.624	ug/l	97
48) Methyl methacrylate	9.295	41	53651	22.160	ug/l	94
49) 1,4-Dioxane	9.301	88	15434	439.877	ug/l #	47
51) 4-Methyl-2-Pentanone	10.069	43	355729	114.394	ug/l	94
52) Toluene	10.246	92	147096	20.746	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	94624	20.917	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	101137	20.693	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	58789	21.443	ug/l	95
56) Ethyl methacrylate	10.514	69	85814	21.859	ug/l	91
57) 1,3-Dichloropropane	10.789	76	96456	21.265	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	204615	110.232	ug/l	93
59) 2-Hexanone	10.831	43	271717	118.283	ug/l	93
60) Dibromochloromethane	10.984	129	69526	21.298	ug/l	99
61) 1,2-Dibromoethane	11.087	107	56966	21.769	ug/l	98
64) Tetrachloroethene	10.721	164	68857	21.501	ug/l	97
65) Chlorobenzene	11.514	112	166778	20.644	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	65071	20.556	ug/l	98
67) Ethyl Benzene	11.593	91	289579	20.425	ug/l	99
68) m/p-Xylenes	11.703	106	223745	41.253	ug/l	95
69) o-Xylene	12.032	106	110132	20.752	ug/l	97
70) Styrene	12.044	104	187421	20.664	ug/l	97
71) Bromoform	12.209	173	46940	21.513	ug/l #	97
73) Isopropylbenzene	12.331	105	292789	20.017	ug/l	100
74) N-amyl acetate	12.142	43	103845	20.779	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	75910	21.236	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	59527m	22.831	ug/l	
77) Bromobenzene	12.605	156	71104	20.041	ug/l	97
78) n-propylbenzene	12.672	91	348463	19.918	ug/l	99
79) 2-Chlorotoluene	12.758	91	200077	20.067	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	245083	20.333	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	23718	20.041	ug/l	99
82) 4-Chlorotoluene	12.855	91	210080	20.382	ug/l	100
83) tert-Butylbenzene	13.075	119	217815	19.753	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	243588	20.170	ug/l	98
85) sec-Butylbenzene	13.252	105	320574	19.809	ug/l	99
86) p-Isopropyltoluene	13.367	119	268396	20.036	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	141693	20.403	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	144236	20.826	ug/l	98
89) n-Butylbenzene	13.697	91	251128	19.952	ug/l	97
90) Hexachloroethane	13.959	117	51311	19.724	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	132311	20.643	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14772	21.165	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	85249	20.785	ug/l	98
94) Hexachlorobutadiene	15.111	225	46038	20.700	ug/l	96
95) Naphthalene	15.233	128	212476	22.017	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	78313	21.095	ug/l	99

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

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