

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
 Data File : VY014050.D
 Acq On : 07 Jun 2023 11:24
 Operator : KP/MD
 Sample : VY0607SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0607SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/08/2023
 Supervised By :Mahesh Dadoda 06/08/2023

Quant Time: Jun 08 02:31:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	229839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	351342	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	323200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	171306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	146794	48.247	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.500%		
35) Dibromofluoromethane	7.716	113	121197	54.280	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	108.560%		
50) Toluene-d8	10.179	98	449635	52.793	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	105.580%		
62) 4-Bromofluorobenzene	12.477	95	157543	54.258	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	108.520%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	42829	21.178	ug/l	97
3) Chloromethane	2.113	50	46874	16.735	ug/l	94
4) Vinyl Chloride	2.253	62	46965	18.100	ug/l	99
5) Bromomethane	2.650	94	42419	18.775	ug/l	94
6) Chloroethane	2.790	64	32457	17.478	ug/l	99
7) Trichlorofluoromethane	3.125	101	89916	21.921	ug/l	97
8) Diethyl Ether	3.534	74	28594	17.781	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.906	101	48749	23.135	ug/l	98
10) Methyl Iodide	4.095	142	43212	14.880	ug/l	98
11) Tert butyl alcohol	4.979	59	27137m	43.398	ug/l	
12) 1,1-Dichloroethene	3.875	96	42662	19.310	ug/l	93
13) Acrolein	3.729	56	27463	95.907	ug/l	98
14) Allyl chloride	4.479	41	74221	17.310	ug/l	99
15) Acrylonitrile	5.168	53	78099	87.519	ug/l	99
16) Acetone	3.948	43	83730	80.436	ug/l	95
17) Carbon Disulfide	4.192	76	104758	14.022	ug/l	100
18) Methyl Acetate	4.479	43	62349	16.578	ug/l	96
19) Methyl tert-butyl Ether	5.222	73	130105	18.202	ug/l	97
20) Methylene Chloride	4.710	84	55898	17.236	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	46221	18.470	ug/l	96
22) Diisopropyl ether	6.119	45	162098	19.504	ug/l	99
23) Vinyl Acetate	6.058	43	455879	87.453	ug/l	99
24) 1,1-Dichloroethane	6.015	63	93422	20.138	ug/l	98
25) 2-Butanone	6.990	43	104950	80.930	ug/l	94
26) 2,2-Dichloropropane	6.984	77	87453	20.772	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	55863	19.497	ug/l	97
28) Bromochloromethane	7.332	49	44857	20.475	ug/l	98
29) Tetrahydrofuran	7.350	42	66816	82.855	ug/l	99
30) Chloroform	7.503	83	101317	20.801	ug/l	95
31) Cyclohexane	7.783	56	69302	18.916	ug/l	97
32) 1,1,1-Trichloroethane	7.698	97	89843	21.746	ug/l	99
36) 1,1-Dichloropropene	7.917	75	67750	21.298	ug/l	99
37) Ethyl Acetate	7.076	43	48750	17.577	ug/l	99
38) Carbon Tetrachloride	7.899	117	82062	23.021	ug/l	98
39) Methylcyclohexane	9.185	83	71092	20.934	ug/l	97
40) Benzene	8.161	78	201051	20.488	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	22648	17.668	ug/l	98
42) 1,2-Dichloroethane	8.234	62	73213	20.346	ug/l	99
43) Isopropyl Acetate	8.271	43	82955	17.764	ug/l	97
44) Trichloroethene	8.941	130	55536	21.611	ug/l	95
45) 1,2-Dichloropropane	9.216	63	52843	20.867	ug/l	98
46) Dibromomethane	9.307	93	32322	19.937	ug/l	99
47) Bromodichloromethane	9.496	83	78312	21.443	ug/l	98
48) Methyl methacrylate	9.295	41	38456	18.092	ug/l	99
49) 1,4-Dioxane	9.313	88	8814	373.844	ug/l #	47
51) 4-Methyl-2-Pentanone	10.069	43	238189	90.301	ug/l	100
52) Toluene	10.240	92	129156	21.485	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	80533	20.528	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	86800	20.723	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	44984	21.047	ug/l	96
56) Ethyl methacrylate	10.508	69	57463	18.725	ug/l	99
57) 1,3-Dichloropropane	10.789	76	74813	20.485	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	90036	77.225	ug/l	99
59) 2-Hexanone	10.831	43	172882	90.515	ug/l	99
60) Dibromochloromethane	10.984	129	57761	21.382	ug/l	100
61) 1,2-Dibromoethane	11.087	107	42359	19.725	ug/l	98
64) Tetrachloroethene	10.721	164	48525	21.916	ug/l	94
65) Chlorobenzene	11.514	112	141197	21.295	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	58493	22.660	ug/l	98
67) Ethyl Benzene	11.593	91	247771	21.588	ug/l	100
68) m/p-Xylenes	11.703	106	190990	43.564	ug/l	99
69) o-Xylene	12.026	106	89778	21.371	ug/l	100
70) Styrene	12.044	104	157579	21.839	ug/l	99
71) Bromoform	12.209	173	39830	20.930	ug/l #	98
73) Isopropylbenzene	12.331	105	239303	21.165	ug/l	98
74) N-amyl acetate	12.142	43	76676	17.675	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	57105	19.324	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	41614m	18.052	ug/l	
77) Bromobenzene	12.611	156	62811	20.549	ug/l	98
78) n-propylbenzene	12.666	91	303908	21.931	ug/l	100
79) 2-Chlorotoluene	12.758	91	172195	20.990	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	207753	21.438	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	19562	18.003	ug/l	99
82) 4-Chlorotoluene	12.855	91	182320	21.131	ug/l	99
83) tert-Butylbenzene	13.075	119	178083	21.944	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	208635	21.555	ug/l	99
85) sec-Butylbenzene	13.252	105	265178	22.471	ug/l	100
86) p-Isopropyltoluene	13.367	119	224455	22.533	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	124143	21.387	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	123293	20.997	ug/l	99
89) n-Butylbenzene	13.697	91	212538	22.613	ug/l	99
90) Hexachloroethane	13.959	117	45770	21.893	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	111789	20.905	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10519	18.455	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	67831	20.634	ug/l	99
94) Hexachlorobutadiene	15.111	225	42385	24.206	ug/l	99
95) Naphthalene	15.233	128	129489	18.818	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	60811	20.310	ug/l	99

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

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