

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060123\
 Data File : VY013966.D
 Acq On : 01 Jun 2023 16:04
 Operator : KP/MD
 Sample : VY0601SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0601SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/02/2023
 Supervised By :Mahesh Dadoda 06/02/2023

Quant Time: Jun 02 07:10:29 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	7.783	168	280474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	428473	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	387091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	198143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	176678	47.586	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 95.180%			
35) Dibromofluoromethane	7.710	113	139342	51.172	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.340%			
50) Toluene-d8	10.173	98	540933	52.080	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.160%			
62) 4-Bromofluorobenzene	12.477	95	182750	51.609	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	56444	22.872	ug/l	98
3) Chloromethane	2.107	50	68926	20.166	ug/l	99
4) Vinyl Chloride	2.241	62	66615	21.038	ug/l	98
5) Bromomethane	2.644	94	55241	20.036	ug/l	99
6) Chloroethane	2.784	64	44435	19.609	ug/l	98
7) Trichlorofluoromethane	3.113	101	109830	21.942	ug/l	99
8) Diethyl Ether	3.522	74	36294	18.495	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.887	101	58026	22.566	ug/l	99
10) Methyl Iodide	4.076	142	64118	18.093	ug/l	99
11) Tert butyl alcohol	4.918	59	67015m	87.824	ug/l	
12) 1,1-Dichloroethene	3.863	96	55892	20.731	ug/l	92
13) Acrolein	3.729	56	35448	101.443	ug/l	99
14) Allyl chloride	4.466	41	100361	19.181	ug/l	99
15) Acrylonitrile	5.149	53	98161	90.142	ug/l	98
16) Acetone	3.948	43	102801	80.928	ug/l	97
17) Carbon Disulfide	4.180	76	183732	20.153	ug/l	98
18) Methyl Acetate	4.466	43	83851	18.271	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	162041	18.577	ug/l	99
20) Methylene Chloride	4.704	84	70665	18.011	ug/l	99
21) trans-1,2-Dichloroethene	5.210	96	60775	19.901	ug/l	98
22) Diisopropyl ether	6.106	45	192867	19.017	ug/l	99
23) Vinyl Acetate	6.052	43	584948	91.954	ug/l	99
24) 1,1-Dichloroethane	6.009	63	110204	19.467	ug/l	100
25) 2-Butanone	6.984	43	134735	85.141	ug/l	98
26) 2,2-Dichloropropane	6.972	77	100514	19.565	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	67156	19.207	ug/l	99
28) Bromochloromethane	7.320	49	51728	19.348	ug/l	97
29) Tetrahydrofuran	7.344	42	90143	91.601	ug/l	98
30) Chloroform	7.496	83	115874	19.495	ug/l	95
31) Cyclohexane	7.777	56	97759	21.866	ug/l	95
32) 1,1,1-Trichloroethane	7.691	97	105655	20.956	ug/l	100
36) 1,1-Dichloropropene	7.911	75	85352	22.001	ug/l	100
37) Ethyl Acetate	7.064	43	65305	19.308	ug/l	100
38) Carbon Tetrachloride	7.893	117	97019	22.318	ug/l	98
39) Methylcyclohexane	9.179	83	97940	23.648	ug/l	98
40) Benzene	8.155	78	244895	20.464	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	29477m	18.856	ug/l	
42) 1,2-Dichloroethane	8.228	62	85707	19.531	ug/l	99
43) Isopropyl Acetate	8.265	43	107513	18.878	ug/l	100
44) Trichloroethene	8.929	130	65909	21.031	ug/l	95
45) 1,2-Dichloropropane	9.210	63	60940	19.732	ug/l	98
46) Dibromomethane	9.295	93	38290	19.366	ug/l	99
47) Bromodichloromethane	9.490	83	87517	19.650	ug/l	99
48) Methyl methacrylate	9.289	41	50683	19.552	ug/l	96
49) 1,4-Dioxane	9.313	88	11292m	392.731	ug/l	
51) 4-Methyl-2-Pentanone	10.063	43	304120	94.542	ug/l	99
52) Toluene	10.240	92	150360	20.509	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	94611	19.776	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	100831	19.740	ug/l	95
55) 1,1,2-Trichloroethane	10.636	97	51392	19.716	ug/l	96
56) Ethyl methacrylate	10.502	69	72406	19.347	ug/l	99
57) 1,3-Dichloropropane	10.782	76	86139	19.340	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	115598	80.082	ug/l	100
59) 2-Hexanone	10.825	43	221535	95.109	ug/l	100
60) Dibromochloromethane	10.977	129	63996	19.426	ug/l	100
61) 1,2-Dibromoethane	11.081	107	51197	19.549	ug/l	99
64) Tetrachloroethene	10.715	164	59172	22.313	ug/l	95
65) Chlorobenzene	11.508	112	161836	20.379	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.581	131	63439	20.520	ug/l	99
67) Ethyl Benzene	11.587	91	290767	21.153	ug/l	97
68) m/p-Xylenes	11.697	106	222664	42.406	ug/l	100
69) o-Xylene	12.026	106	104866	20.843	ug/l	100
70) Styrene	12.038	104	179014	20.715	ug/l	100
71) Bromoform	12.203	173	46200	20.270	ug/l #	97
73) Isopropylbenzene	12.325	105	277101	21.188	ug/l	99
74) N-amyl acetate	12.136	43	95639	19.061	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.575	83	66523	19.462	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	53098m	19.914	ug/l	
77) Bromobenzene	12.605	156	70150	19.842	ug/l	99
78) n-propylbenzene	12.666	91	347247	21.664	ug/l	99
79) 2-Chlorotoluene	12.752	91	194837	20.533	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	238074	21.240	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	23813	18.947	ug/l	100
82) 4-Chlorotoluene	12.849	91	200927	20.134	ug/l	97
83) tert-Butylbenzene	13.069	119	197247	21.014	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	235411	21.027	ug/l	100
85) sec-Butylbenzene	13.251	105	303510	22.236	ug/l	98
86) p-Isopropyltoluene	13.367	119	250608	21.751	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	136702	20.360	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	136078	20.036	ug/l	98
89) n-Butylbenzene	13.690	91	237059	21.806	ug/l	99
90) Hexachloroethane	13.959	117	49583	20.505	ug/l	98
91) 1,2-Dichlorobenzene	13.733	146	123428	19.955	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	12786	19.394	ug/l	99
93) 1,2,4-Trichlorobenzene	15.001	180	78432	20.627	ug/l	100
94) Hexachlorobutadiene	15.111	225	46190	22.806	ug/l	98
95) Naphthalene	15.233	128	160739	19.911	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	69260	19.999	ug/l	98

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

