

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060223\
 Data File : VY013981.D
 Acq On : 02 Jun 2023 11:34
 Operator : KP/MD
 Sample : VY0602SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/05/2023
 Supervised By :Mahesh Dadoda 06/05/2023

Quant Time: Jun 03 04:58:16 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	247459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	391848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	354135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	177020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	153923	46.988	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.980%		
35) Dibromofluoromethane	7.710	113	126606	50.841	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.680%		
50) Toluene-d8	10.179	98	491776	51.772	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	103.540%		
62) 4-Bromofluorobenzene	12.477	95	165311	51.048	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	102.100%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	52210	23.979	ug/l	100
3) Chloromethane	2.107	50	62453	20.710	ug/l	99
4) Vinyl Chloride	2.247	62	60993	21.833	ug/l	99
5) Bromomethane	2.643	94	47787	19.644	ug/l	95
6) Chloroethane	2.790	64	38482	19.247	ug/l	99
7) Trichlorofluoromethane	3.119	101	99635	22.561	ug/l	99
8) Diethyl Ether	3.521	74	32318	18.666	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.893	101	51591	22.740	ug/l	98
10) Methyl Iodide	4.082	142	55644	17.796	ug/l	98
11) Tert butyl alcohol	4.924	59	59042	87.698	ug/l	100
12) 1,1-Dichloroethene	3.869	96	51125	21.493	ug/l	93
13) Acrolein	3.723	56	30083	97.576	ug/l	99
14) Allyl chloride	4.472	41	87788	19.017	ug/l	100
15) Acrylonitrile	5.155	53	84118	87.552	ug/l	98
16) Acetone	3.942	43	91187	81.363	ug/l	94
17) Carbon Disulfide	4.186	76	166193	20.662	ug/l	99
18) Methyl Acetate	4.472	43	69940	17.273	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	140143	18.210	ug/l	98
20) Methylene Chloride	4.710	84	59532	17.002	ug/l	96
21) trans-1,2-Dichloroethene	5.210	96	55530	20.610	ug/l	95
22) Diisopropyl ether	6.112	45	175093	19.567	ug/l	95
23) Vinyl Acetate	6.051	43	500412	89.160	ug/l	99
24) 1,1-Dichloroethane	6.009	63	99977	20.017	ug/l	100
25) 2-Butanone	6.978	43	121926	87.326	ug/l	94
26) 2,2-Dichloropropane	6.978	77	92449	20.396	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	60959	19.761	ug/l	99
28) Bromochloromethane	7.326	49	47461	20.121	ug/l	98
29) Tetrahydrofuran	7.344	42	75005	86.387	ug/l	99
30) Chloroform	7.502	83	105054	20.033	ug/l	96
31) Cyclohexane	7.777	56	86461	21.919	ug/l	96
32) 1,1,1-Trichloroethane	7.697	97	95572	21.486	ug/l	100
36) 1,1-Dichloropropene	7.911	75	76644	21.603	ug/l	99
37) Ethyl Acetate	7.070	43	53861	17.413	ug/l	99
38) Carbon Tetrachloride	7.899	117	87834	22.093	ug/l	98
39) Methylcyclohexane	9.179	83	87312	23.052	ug/l	98
40) Benzene	8.155	78	223257	20.399	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	29199m	20.424	ug/l	
42) 1,2-Dichloroethane	8.234	62	75510	18.816	ug/l	100
43) Isopropyl Acetate	8.271	43	92975	17.851	ug/l	100
44) Trichloroethene	8.935	130	58451	20.394	ug/l	97
45) 1,2-Dichloropropane	9.209	63	55564	19.673	ug/l	92
46) Dibromomethane	9.301	93	34610	19.141	ug/l	97
47) Bromodichloromethane	9.490	83	81949	20.119	ug/l	99
48) Methyl methacrylate	9.289	41	42302	17.844	ug/l	97
49) 1,4-Dioxane	9.295	88	8274	314.663	ug/l #	29
51) 4-Methyl-2-Pentanone	10.069	43	262731	89.309	ug/l	100
52) Toluene	10.240	92	138217	20.615	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	82338	18.819	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	89184	19.092	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	47010	19.721	ug/l	96
56) Ethyl methacrylate	10.508	69	62333	18.212	ug/l	99
57) 1,3-Dichloropropane	10.788	76	77016	18.908	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	98425	76.152	ug/l	99
59) 2-Hexanone	10.831	43	187701	88.115	ug/l	99
60) Dibromochloromethane	10.983	129	57634	19.130	ug/l	98
61) 1,2-Dibromoethane	11.087	107	44274	18.486	ug/l	99
64) Tetrachloroethene	10.715	164	53972	22.246	ug/l	95
65) Chlorobenzene	11.514	112	148860	20.489	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	57362	20.281	ug/l	98
67) Ethyl Benzene	11.587	91	257934	20.511	ug/l	98
68) m/p-Xylenes	11.697	106	202620	42.180	ug/l	98
69) o-Xylene	12.026	106	92226	20.036	ug/l	97
70) Styrene	12.044	104	161369	20.411	ug/l	99
71) Bromoform	12.203	173	40208	19.283	ug/l #	96
73) Isopropylbenzene	12.325	105	248087	21.233	ug/l	100
74) N-amyl acetate	12.142	43	81778	18.243	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	56791	18.597	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	48762m	20.470	ug/l	
77) Bromobenzene	12.605	156	64075	20.286	ug/l	98
78) n-propylbenzene	12.666	91	308811	21.565	ug/l	99
79) 2-Chlorotoluene	12.751	91	173255	20.437	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	210761	21.047	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	20362	18.134	ug/l	99
82) 4-Chlorotoluene	12.849	91	186242	20.889	ug/l	99
83) tert-Butylbenzene	13.075	119	175255	20.899	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	207141	20.710	ug/l	98
85) sec-Butylbenzene	13.251	105	265538	21.776	ug/l	99
86) p-Isopropyltoluene	13.367	119	222877	21.653	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	123011	20.508	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	122588	20.203	ug/l	99
89) n-Butylbenzene	13.690	91	207806	21.396	ug/l	99
90) Hexachloroethane	13.959	117	45027	20.843	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	110302	19.961	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10464	17.766	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	65419	19.258	ug/l	98
94) Hexachlorobutadiene	15.111	225	39687	21.934	ug/l	98
95) Naphthalene	15.233	128	128506	18.226	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	57740	18.662	ug/l	99

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

