

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060123\
 Data File : VY013965.D
 Acq On : 01 Jun 2023 15:41
 Operator : KP/MD
 Sample : VY0601SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0601SBS01

Quant Time: Jun 02 07:09:32 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	262133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	417399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	383924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	198424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	174967	50.422	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.840%			
35) Dibromofluoromethane	7.710	113	138246	52.117	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.240%			
50) Toluene-d8	10.173	98	532313	52.609	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.220%			
62) 4-Bromofluorobenzene	12.477	95	181612	52.649	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	51348	22.263	ug/l	95
3) Chloromethane	2.107	50	64522	20.198	ug/l	99
4) Vinyl Chloride	2.247	62	61502	20.783	ug/l	97
5) Bromomethane	2.644	94	53643	20.817	ug/l	93
6) Chloroethane	2.784	64	43343	20.465	ug/l	94
7) Trichlorofluoromethane	3.113	101	103330	22.087	ug/l	100
8) Diethyl Ether	3.522	74	36068	19.666	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.881	101	54220	22.561	ug/l	98
10) Methyl Iodide	4.082	142	59866	18.075	ug/l	97
11) Tert butyl alcohol	4.918	59	68369	95.868	ug/l #	89
12) 1,1-Dichloroethene	3.863	96	52316	20.762	ug/l	96
13) Acrolein	3.729	56	35179	107.718	ug/l	98
14) Allyl chloride	4.466	41	93203	19.060	ug/l	100
15) Acrylonitrile	5.155	53	98099	96.388	ug/l	99
16) Acetone	3.948	43	105820	89.133	ug/l	99
17) Carbon Disulfide	4.186	76	174086	20.431	ug/l	99
18) Methyl Acetate	4.466	43	80004	18.652	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	158581	19.452	ug/l	99
20) Methylene Chloride	4.704	84	66836	18.279	ug/l	98
21) trans-1,2-Dichloroethene	5.210	96	57937	20.300	ug/l	99
22) Diisopropyl ether	6.112	45	187977	19.831	ug/l	97
23) Vinyl Acetate	6.052	43	581930	97.880	ug/l	100
24) 1,1-Dichloroethane	6.003	63	105188	19.881	ug/l	97
25) 2-Butanone	6.984	43	138978	93.966	ug/l	94
26) 2,2-Dichloropropane	6.972	77	96359	20.068	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	64033	19.596	ug/l	99
28) Bromochloromethane	7.326	49	51181	20.483	ug/l	99
29) Tetrahydrofuran	7.344	42	90135	98.001	ug/l	99
30) Chloroform	7.496	83	109845	19.774	ug/l	95
31) Cyclohexane	7.777	56	88453	21.169	ug/l	94
32) 1,1,1-Trichloroethane	7.691	97	100324	21.291	ug/l	98
36) 1,1-Dichloropropene	7.911	75	80955	21.421	ug/l	99
37) Ethyl Acetate	7.064	43	63797	19.362	ug/l	99
38) Carbon Tetrachloride	7.893	117	90276	21.318	ug/l	96
39) Methylcyclohexane	9.179	83	89125	22.091	ug/l	98
40) Benzene	8.155	78	236666	20.301	ug/l	99

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41) Methacrylonitrile	7.301	41	30221	19.845	ug/l	91
42) 1,2-Dichloroethane	8.228	62	85856	20.084	ug/l	99
43) Isopropyl Acetate	8.265	43	108800	19.611	ug/l	99
44) Trichloroethene	8.935	130	62700	20.538	ug/l	99
45) 1,2-Dichloropropane	9.210	63	59793	19.875	ug/l	100
46) Dibromomethane	9.301	93	37607	19.526	ug/l	98
47) Bromodichloromethane	9.490	83	87074	20.069	ug/l	96
48) Methyl methacrylate	9.289	41	49139	19.459	ug/l	98
49) 1,4-Dioxane	9.307	88	11165	398.616	ug/l #	50
51) 4-Methyl-2-Pentanone	10.063	43	306294	97.744	ug/l	100
52) Toluene	10.240	92	144533	20.238	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	91674	19.670	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	97745	19.643	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	50824	20.016	ug/l	93
56) Ethyl methacrylate	10.502	69	72169	19.795	ug/l	99
57) 1,3-Dichloropropane	10.782	76	86721	19.988	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	113448	80.505	ug/l	99
59) 2-Hexanone	10.825	43	224597	98.982	ug/l	99
60) Dibromochloromethane	10.977	129	63239	19.705	ug/l	100
61) 1,2-Dibromoethane	11.081	107	49872	19.548	ug/l	99
64) Tetrachloroethene	10.715	164	55307	21.028	ug/l	99
65) Chlorobenzene	11.508	112	159177	20.209	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.581	131	62367	20.340	ug/l	99
67) Ethyl Benzene	11.587	91	278455	20.424	ug/l	98
68) m/p-Xylenes	11.697	106	216777	41.626	ug/l	99
69) o-Xylene	12.026	106	101061	20.252	ug/l	100
70) Styrene	12.038	104	176336	20.573	ug/l	99
71) Bromoform	12.203	173	45260	20.021	ug/l #	99
73) Isopropylbenzene	12.325	105	264401	20.188	ug/l	100
74) N-amyl acetate	12.142	43	96003	19.106	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.575	83	66092	19.309	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	54352m	20.355	ug/l	
77) Bromobenzene	12.605	156	69088	19.514	ug/l	98
78) n-propylbenzene	12.666	91	328568	20.470	ug/l	100
79) 2-Chlorotoluene	12.752	91	186939	19.673	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	227200	20.241	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	23208	18.439	ug/l	95
82) 4-Chlorotoluene	12.849	91	198505	19.863	ug/l	99
83) tert-Butylbenzene	13.069	119	187017	19.896	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	229724	20.490	ug/l	99
85) sec-Butylbenzene	13.251	105	281210	20.573	ug/l	100
86) p-Isopropyltoluene	13.367	119	238956	20.710	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	134375	19.986	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	135908	19.983	ug/l	100
89) n-Butylbenzene	13.690	91	224642	20.635	ug/l	99
90) Hexachloroethane	13.959	117	48426	19.998	ug/l	100
91) 1,2-Dichlorobenzene	13.733	146	121578	19.628	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12847	19.459	ug/l	99
93) 1,2,4-Trichlorobenzene	15.001	180	75891	19.931	ug/l	100
94) Hexachlorobutadiene	15.111	225	43075	21.238	ug/l	100
95) Naphthalene	15.233	128	161319	19.946	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	67812	19.553	ug/l	98

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

