

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041923\
 Data File : VY013339.D
 Acq On : 19 Apr 2023 12:08
 Operator : KP/MD
 Sample : VY0419SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0419SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/20/2023
 Supervised By :Mahesh Dadoda 04/22/2023

Quant Time: Apr 20 06:55:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	282346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	415669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	374959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	188653	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	159625	47.043	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.080%		
35) Dibromofluoromethane	7.716	113	149039	55.384	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	110.760%		
50) Toluene-d8	10.179	98	532818	53.195	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	106.380%		
62) 4-Bromofluorobenzene	12.483	95	176635	54.275	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	108.540%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	56657	22.296	ug/l	100
3) Chloromethane	2.113	50	60246	18.924	ug/l	99
4) Vinyl Chloride	2.253	62	60011	19.882	ug/l	100
5) Bromomethane	2.650	94	37555	16.225	ug/l	94
6) Chloroethane	2.790	64	34943	17.166	ug/l	98
7) Trichlorofluoromethane	3.125	101	103930	22.123	ug/l	99
8) Diethyl Ether	3.534	74	34226	20.052	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.900	101	62256	22.551	ug/l	98
10) Methyl Iodide	4.089	142	71082	20.991	ug/l	98
11) Tert butyl alcohol	4.985	59	33037m	39.922	ug/l	
12) 1,1-Dichloroethene	3.875	96	56672	21.331	ug/l	94
13) Acrolein	3.735	56	39502	94.768	ug/l	97
14) Allyl chloride	4.485	41	96974	19.107	ug/l	98
15) Acrylonitrile	5.162	53	99084	101.022	ug/l	99
16) Acetone	3.954	43	113847	97.584	ug/l	99
17) Carbon Disulfide	4.198	76	172049	19.670	ug/l	99
18) Methyl Acetate	4.485	43	74945	19.862	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	159193	20.002	ug/l	97
20) Methylene Chloride	4.716	84	79012	23.365	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	62265	20.530	ug/l	96
22) Diisopropyl ether	6.119	45	199999	19.996	ug/l	93
23) Vinyl Acetate	6.064	43	610322	96.524	ug/l	100
24) 1,1-Dichloroethane	6.021	63	111061	19.878	ug/l	98
25) 2-Butanone	6.990	43	141893	94.988	ug/l	98
26) 2,2-Dichloropropane	6.984	77	97693	19.489	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	68914	20.897	ug/l	96
28) Bromochloromethane	7.332	49	42059	18.888	ug/l	92
29) Tetrahydrofuran	7.356	42	89043	98.145	ug/l	97
30) Chloroform	7.509	83	116388	20.585	ug/l	94
31) Cyclohexane	7.783	56	97354	18.975	ug/l #	90
32) 1,1,1-Trichloroethane	7.704	97	102764	20.091	ug/l	98
36) 1,1-Dichloropropene	7.917	75	87020	21.346	ug/l	99
37) Ethyl Acetate	7.076	43	61075	18.585	ug/l	99
38) Carbon Tetrachloride	7.899	117	98719	21.900	ug/l	99
39) Methylcyclohexane	9.185	83	99550	21.005	ug/l	96
40) Benzene	8.161	78	249623	21.156	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	26176	19.200	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	82324	20.579	ug/l	98
43) Isopropyl Acetate	8.271	43	105544	19.336	ug/l	99
44) Trichloroethene	8.941	130	69673	22.922	ug/l	97
45) 1,2-Dichloropropane	9.216	63	64553	21.079	ug/l	99
46) Dibromomethane	9.307	93	40414	21.927	ug/l	97
47) Bromodichloromethane	9.496	83	89469	21.234	ug/l	95
48) Methyl methacrylate	9.295	41	48834	19.478	ug/l	95
49) 1,4-Dioxane	9.313	88	11655	466.716	ug/l #	77
51) 4-Methyl-2-Pentanone	10.069	43	309838	104.303	ug/l	100
52) Toluene	10.246	92	155021	21.758	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	92527	20.969	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	106530	22.017	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	57253	23.558	ug/l	96
56) Ethyl methacrylate	10.508	69	73125	21.976	ug/l	97
57) 1,3-Dichloropropane	10.789	76	90295	21.845	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	157137	113.096	ug/l	99
59) 2-Hexanone	10.831	43	223990	103.702	ug/l	99
60) Dibromochloromethane	10.984	129	68153	22.365	ug/l	99
61) 1,2-Dibromoethane	11.087	107	55110	23.288	ug/l	100
64) Tetrachloroethene	10.721	164	60587	22.904	ug/l	94
65) Chlorobenzene	11.520	112	163856	20.890	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.593	131	63578	21.599	ug/l	99
67) Ethyl Benzene	11.593	91	287328	21.032	ug/l	100
68) m/p-Xylenes	11.703	106	223572	42.773	ug/l	99
69) o-Xylene	12.032	106	105274	21.747	ug/l	98
70) Styrene	12.044	104	175700	21.489	ug/l	99
71) Bromoform	12.209	173	46849	22.974	ug/l #	97
73) Isopropylbenzene	12.331	105	277973	21.481	ug/l	100
74) N-amyl acetate	12.142	43	89665	19.422	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	67970	21.262	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	51234m	21.795	ug/l	
77) Bromobenzene	12.611	156	70775	21.871	ug/l	96
78) n-propylbenzene	12.672	91	336668	21.066	ug/l	98
79) 2-Chlorotoluene	12.758	91	188424	20.945	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	232673	21.466	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	23561	20.802	ug/l	98
82) 4-Chlorotoluene	12.855	91	195289	20.591	ug/l	100
83) tert-Butylbenzene	13.075	119	200462	21.554	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	228868	21.696	ug/l	98
85) sec-Butylbenzene	13.252	105	300310	21.592	ug/l	100
86) p-Isopropyltoluene	13.367	119	250357	21.936	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	137316	22.013	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	136540	21.660	ug/l	99
89) n-Butylbenzene	13.697	91	230412	21.108	ug/l	98
90) Hexachloroethane	13.965	117	50526	21.232	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	124568	21.946	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12297	21.183	ug/l	100
93) 1,2,4-Trichlorobenzene	15.007	180	79047	23.431	ug/l	97
94) Hexachlorobutadiene	15.111	225	49100	24.578	ug/l	99
95) Naphthalene	15.239	128	162116	21.546	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	73588	23.942	ug/l	98

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

