

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032023\
 Data File : VY013005.D
 Acq On : 20 Mar 2023 13:27
 Operator : KP/MD
 Sample : VY0320SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0320SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/21/2023
 Supervised By :Mahesh Dadoda 03/21/2023

Quant Time: Mar 21 01:12:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	107742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	163859	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	148873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	48142	45.004	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.000%		
35) Dibromofluoromethane	7.716	113	48228	48.770	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.540%		
50) Toluene-d8	10.179	98	155327	42.965	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	85.940%		
62) 4-Bromofluorobenzene	12.483	95	59041	48.386	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.780%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	20763	19.552	ug/l	96
3) Chloromethane	2.113	50	20798	16.382	ug/l	97
4) Vinyl Chloride	2.253	62	19813	17.019	ug/l	92
5) Bromomethane	2.637	94	14234	20.122	ug/l	94
6) Chloroethane	2.790	64	13557	19.444	ug/l	94
7) Trichlorofluoromethane	3.119	101	30596	15.824	ug/l	97
8) Diethyl Ether	3.527	74	11981	17.682	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.899	101	23920	20.562	ug/l	99
10) Methyl Iodide	4.088	142	28793	18.996	ug/l	99
11) Tert butyl alcohol	4.948	59	15002	110.715	ug/l	100
12) 1,1-Dichloroethene	3.869	96	22053	19.877	ug/l	95
13) Acrolein	3.728	56	14654	78.189	ug/l	97
14) Allyl chloride	4.478	41	40418	19.721	ug/l	99
15) Acrylonitrile	5.155	53	38262	107.170	ug/l	98
16) Acetone	3.942	43	44844	106.802	ug/l	99
17) Carbon Disulfide	4.192	76	67903	17.980	ug/l	99
18) Methyl Acetate	4.478	43	27622	22.091	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	60516	21.117	ug/l	97
20) Methylene Chloride	4.716	84	32335	22.255	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	23835	19.769	ug/l	94
22) Diisopropyl ether	6.118	45	80904	21.734	ug/l	99
23) Vinyl Acetate	6.057	43	247546	107.029	ug/l	99
24) 1,1-Dichloroethane	6.015	63	43926	20.709	ug/l	99
25) 2-Butanone	6.984	43	59230	113.891	ug/l	98
26) 2,2-Dichloropropane	6.978	77	38878	20.637	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	27258	21.087	ug/l	98
28) Bromochloromethane	7.338	49	16876	21.771	ug/l	99
29) Tetrahydrofuran	7.350	42	35331	112.642	ug/l	99
30) Chloroform	7.502	83	44282	21.135	ug/l	95
31) Cyclohexane	7.783	56	38950	19.012	ug/l #	91
32) 1,1,1-Trichloroethane	7.697	97	39236	20.708	ug/l	99
36) 1,1-Dichloropropene	7.917	75	33082	19.963	ug/l	99
37) Ethyl Acetate	7.069	43	23488	22.488	ug/l	100
38) Carbon Tetrachloride	7.898	117	36028	21.053	ug/l	98
39) Methylcyclohexane	9.185	83	37965	19.270	ug/l	96
40) Benzene	8.161	78	97584	20.817	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	11889m	21.127	ug/l	
42) 1,2-Dichloroethane	8.234	62	30114	21.368	ug/l	99
43) Isopropyl Acetate	8.270	43	41148	22.081	ug/l	99
44) Trichloroethene	8.941	130	26198	21.197	ug/l	94
45) 1,2-Dichloropropane	9.215	63	25456	21.487	ug/l	98
46) Dibromomethane	9.301	93	14642	21.694	ug/l	96
47) Bromodichloromethane	9.496	83	34701	21.818	ug/l #	95
48) Methyl methacrylate	9.288	41	18188	21.182	ug/l	94
49) 1,4-Dioxane	9.295	88	4420	506.588	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	117366	116.110	ug/l	100
52) Toluene	10.246	92	60675	21.462	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	35584	21.330	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	39570	20.956	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	20605	21.922	ug/l	98
56) Ethyl methacrylate	10.508	69	27074	21.602	ug/l	97
57) 1,3-Dichloropropane	10.788	76	35707	22.304	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	74101	112.628	ug/l	99
59) 2-Hexanone	10.831	43	86773	118.115	ug/l	99
60) Dibromochloromethane	10.983	129	25188	22.015	ug/l	99
61) 1,2-Dibromoethane	11.087	107	19583	21.628	ug/l	99
64) Tetrachloroethene	10.715	164	22427	20.691	ug/l	95
65) Chlorobenzene	11.514	112	64797	20.738	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	24818	21.466	ug/l	99
67) Ethyl Benzene	11.593	91	113500	20.661	ug/l	99
68) m/p-Xylenes	11.703	106	88258	41.764	ug/l	100
69) o-Xylene	12.032	106	40412	20.490	ug/l	98
70) Styrene	12.044	104	69388	21.082	ug/l	98
71) Bromoform	12.209	173	16536	21.936	ug/l #	98
73) Isopropylbenzene	12.331	105	109003	19.703	ug/l	99
74) N-amyl acetate	12.142	43	35957	20.657	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	26826	21.571	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	20242m	21.715	ug/l	
77) Bromobenzene	12.611	156	27051	20.128	ug/l	100
78) n-propylbenzene	12.672	91	135456	19.859	ug/l	99
79) 2-Chlorotoluene	12.757	91	76682	20.228	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	92823	20.331	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	9303	20.678	ug/l	99
82) 4-Chlorotoluene	12.855	91	80378	20.483	ug/l	98
83) tert-Butylbenzene	13.074	119	78718	19.976	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	90392	20.247	ug/l	100
85) sec-Butylbenzene	13.251	105	120841	20.101	ug/l	99
86) p-Isopropyltoluene	13.367	119	98587	20.065	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	53706	20.719	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	54027	20.422	ug/l	98
89) n-Butylbenzene	13.696	91	93558	19.891	ug/l	99
90) Hexachloroethane	13.958	117	20756	20.283	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	48759	20.809	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4452	22.151	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	28628	19.843	ug/l	97
94) Hexachlorobutadiene	15.111	225	17796	20.224	ug/l	99
95) Naphthalene	15.232	128	58289	20.162	ug/l	100
96) 1,2,3-Trichlorobenzene	15.421	180	26070	20.318	ug/l	99

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

