

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050123\
 Data File : VY013534.D
 Acq On : 01 May 2023 13:00
 Operator : KP/MD
 Sample : VY0501SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS02

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

05/02/2023
 Supervised By :Mahesh
 Dadoda

Quant Time: May 01 22:46:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	305507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	465721	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	426559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	214067	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	177589	53.027	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.060%	
35) Dibromofluoromethane	7.710	113	150280	51.305	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.600%	
50) Toluene-d8	10.179	98	523994	50.286	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.580%	
62) 4-Bromofluorobenzene	12.477	95	191964	54.645	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.280%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	64295	22.137	ug/l	97
3) Chloromethane	2.107	50	75966	19.513	ug/l	98
4) Vinyl Chloride	2.247	62	72754	18.769	ug/l	99
5) Bromomethane	2.649	94	57478	18.607	ug/l	99
6) Chloroethane	2.790	64	51168	19.107	ug/l	93
7) Trichlorofluoromethane	3.119	101	120852	20.580	ug/l	99
8) Diethyl Ether	3.521	74	43224	21.615	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.893	101	67997	20.643	ug/l	99
10) Methyl Iodide	4.082	142	76953	18.601	ug/l	99
11) Tert butyl alcohol	5.003	59	50194m	133.369	ug/l	
12) 1,1-Dichloroethene	3.869	96	64211	20.223	ug/l	94
13) Acrolein	3.729	56	39805	131.845	ug/l	93
14) Allyl chloride	4.472	41	118676	20.144	ug/l	97
15) Acrylonitrile	5.161	53	139769	124.803	ug/l	98
16) Acetone	3.960	43	160738	121.875	ug/l	91
17) Carbon Disulfide	4.192	76	202780	19.661	ug/l	98
18) Methyl Acetate	4.478	43	106758	24.508	ug/l	96
19) Methyl tert-butyl Ether	5.210	73	201752	22.010	ug/l	97
20) Methylene Chloride	4.710	84	106777	21.181	ug/l	88
21) trans-1,2-Dichloroethene	5.210	96	72100	20.769	ug/l	96
22) Diisopropyl ether	6.112	45	245345	21.306	ug/l	90
23) Vinyl Acetate	6.057	43	744415m	114.177	ug/l	
24) 1,1-Dichloroethane	6.009	63	134427	20.946	ug/l	99
25) 2-Butanone	6.990	43	213668	127.744	ug/l	92
26) 2,2-Dichloropropane	6.972	77	117352	21.220	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	80429	20.969	ug/l	95
28) Bromochloromethane	7.332	49	50356	22.111	ug/l	84
29) Tetrahydrofuran	7.344	42	131135	125.949	ug/l	94
30) Chloroform	7.502	83	140251	21.980	ug/l	98
31) Cyclohexane	7.783	56	117704	19.630	ug/l	95
32) 1,1,1-Trichloroethane	7.697	97	123392	21.671	ug/l	98
36) 1,1-Dichloropropene	7.917	75	103596	21.310	ug/l	97
37) Ethyl Acetate	7.069	43	93411	25.534	ug/l	95
38) Carbon Tetrachloride	7.899	117	111541	21.891	ug/l	99
39) Methylcyclohexane	9.179	83	115537	20.160	ug/l	95
40) Benzene	8.161	78	294359	21.496	ug/l	98

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41) Methacrylonitrile	7.307	41	35490m	20.818	ug/l	
42) 1,2-Dichloroethane	8.234	62	103268	23.066	ug/l	98
43) Isopropyl Acetate	8.270	43	146309	23.694	ug/l	97
44) Trichloroethene	8.935	130	79158	21.731	ug/l	98
45) 1,2-Dichloropropane	9.215	63	78028	21.793	ug/l	97
46) Dibromomethane	9.301	93	48298	22.545	ug/l	97
47) Bromodichloromethane	9.496	83	107635	22.453	ug/l	99
48) Methyl methacrylate	9.289	41	67151	23.679	ug/l	95
49) 1,4-Dioxane	9.319	88	15762	515.149	ug/l #	77
51) 4-Methyl-2-Pentanone	10.069	43	446450	129.747	ug/l	96
52) Toluene	10.240	92	182862	22.190	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	114947	22.657	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	124930	21.884	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	65992	23.261	ug/l	98
56) Ethyl methacrylate	10.508	69	94501	24.009	ug/l	92
57) 1,3-Dichloropropane	10.788	76	111722	23.252	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	186555	126.397	ug/l	94
59) 2-Hexanone	10.831	43	340185	136.004	ug/l	96
60) Dibromochloromethane	10.983	129	80316	23.315	ug/l	99
61) 1,2-Dibromoethane	11.087	107	65031	23.314	ug/l	99
64) Tetrachloroethene	10.715	164	70086	21.608	ug/l	98
65) Chlorobenzene	11.514	112	196005	21.094	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	76078	21.892	ug/l	99
67) Ethyl Benzene	11.593	91	341985	20.959	ug/l	100
68) m/p-Xylenes	11.703	106	266876	43.024	ug/l	97
69) o-Xylene	12.026	106	124947	21.299	ug/l	97
70) Styrene	12.044	104	215160	21.935	ug/l	100
71) Bromoform	12.209	173	58894	24.194	ug/l #	99
73) Isopropylbenzene	12.331	105	330561	20.416	ug/l	98
74) N-amyl acetate	12.142	43	129999	22.562	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	89818	22.695	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	54014m	18.710	ug/l	
77) Bromobenzene	12.605	156	86444	22.034	ug/l	94
78) n-propylbenzene	12.666	91	414999	20.809	ug/l	97
79) 2-Chlorotoluene	12.751	91	231686	20.803	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	280313	21.211	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	32303	22.888	ug/l	98
82) 4-Chlorotoluene	12.855	91	243252	20.956	ug/l	99
83) tert-Butylbenzene	13.074	119	238891	20.865	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	278269	21.658	ug/l	100
85) sec-Butylbenzene	13.251	105	358741	20.877	ug/l	99
86) p-Isopropyltoluene	13.367	119	298102	21.573	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	165540	22.148	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	166818	22.094	ug/l	100
89) n-Butylbenzene	13.696	91	282872	20.974	ug/l	98
90) Hexachloroethane	13.964	117	59431	20.435	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	150495	22.297	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18037	25.806	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	95097	23.632	ug/l	98
94) Hexachlorobutadiene	15.111	225	57559	24.577	ug/l	100
95) Naphthalene	15.233	128	218064	24.975	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	88719	24.736	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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