

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050323\
 Data File : VY013572.D
 Acq On : 03 May 2023 11:28
 Operator : KP/MD
 Sample : VY0503SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0503SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/04/2023
 Supervised By :Mahesh Dadoda 05/04/2023

Quant Time: May 03 15:38:21 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	284383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	425765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	385661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	196900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	165354	53.041	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.080%			
35) Dibromofluoromethane	7.716	113	139412	52.061	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.120%			
50) Toluene-d8	10.179	98	480583	50.448	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.900%			
62) 4-Bromofluorobenzene	12.483	95	176893	55.080	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.160%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	59093	21.857	ug/l	97
3) Chloromethane	2.113	50	70337	19.409	ug/l	98
4) Vinyl Chloride	2.247	62	67891	18.815	ug/l	99
5) Bromomethane	2.650	94	57016	19.828	ug/l	98
6) Chloroethane	2.790	64	49888	20.013	ug/l	91
7) Trichlorofluoromethane	3.125	101	114506	20.948	ug/l	96
8) Diethyl Ether	3.527	74	39879	21.424	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.893	101	63227	20.621	ug/l	98
10) Methyl Iodide	4.088	142	70660	18.348	ug/l	99
11) Tert butyl alcohol	4.984	59	48086	137.240	ug/l	100
12) 1,1-Dichloroethene	3.869	96	58565	19.815	ug/l	94
13) Acrolein	3.735	56	34815	123.328	ug/l	99
14) Allyl chloride	4.478	41	105963	19.322	ug/l	98
15) Acrylonitrile	5.167	53	129096	123.835	ug/l	98
16) Acetone	3.960	43	146382	119.234	ug/l	93
17) Carbon Disulfide	4.192	76	187476	19.528	ug/l	99
18) Methyl Acetate	4.478	43	97768	24.112	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	184304	21.600	ug/l	100
20) Methylene Chloride	4.716	84	89983	18.261	ug/l #	86
21) trans-1,2-Dichloroethene	5.216	96	67119	20.770	ug/l	91
22) Diisopropyl ether	6.118	45	225383	21.027	ug/l	92
23) Vinyl Acetate	6.057	43	733313	120.829	ug/l	98
24) 1,1-Dichloroethane	6.015	63	125377	20.987	ug/l	99
25) 2-Butanone	6.990	43	194742	125.077	ug/l	96
26) 2,2-Dichloropropane	6.984	77	109187	21.210	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	75154	21.049	ug/l	96
28) Bromochloromethane	7.332	49	46263	21.823	ug/l	86
29) Tetrahydrofuran	7.350	42	122863	126.769	ug/l	92
30) Chloroform	7.502	83	128938	21.708	ug/l	98
31) Cyclohexane	7.783	56	107120	19.192	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	115017	21.700	ug/l	97
36) 1,1-Dichloropropene	7.917	75	94943	21.363	ug/l	97
37) Ethyl Acetate	7.076	43	86294	25.802	ug/l #	95
38) Carbon Tetrachloride	7.899	117	105899	22.734	ug/l	94
39) Methylcyclohexane	9.185	83	105377	20.113	ug/l	95
40) Benzene	8.161	78	274949	21.962	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	36269	23.272	ug/l #	92
42) 1,2-Dichloroethane	8.234	62	96844	23.662	ug/l	98
43) Isopropyl Acetate	8.270	43	134010	23.739	ug/l	97
44) Trichloroethene	8.941	130	72258	21.699	ug/l	96
45) 1,2-Dichloropropane	9.215	63	72094	22.025	ug/l	95
46) Dibromomethane	9.307	93	44527	22.735	ug/l	99
47) Bromodichloromethane	9.496	83	99904	22.796	ug/l	94
48) Methyl methacrylate	9.295	41	61225	23.615	ug/l	96
49) 1,4-Dioxane	9.319	88	15245	545.011	ug/l #	76
51) 4-Methyl-2-Pentanone	10.069	43	410658	130.545	ug/l	96
52) Toluene	10.240	92	169863	22.547	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	105932	22.839	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	115282	22.089	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	61413	23.678	ug/l	97
56) Ethyl methacrylate	10.508	69	85491	23.759	ug/l	92
57) 1,3-Dichloropropane	10.788	76	104270	23.738	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	174616	129.411	ug/l	95
59) 2-Hexanone	10.831	43	303639	132.785	ug/l	97
60) Dibromochloromethane	10.983	129	74400	23.624	ug/l	99
61) 1,2-Dibromoethane	11.087	107	60790	23.839	ug/l	100
64) Tetrachloroethene	10.721	164	65130	22.209	ug/l	96
65) Chlorobenzene	11.514	112	184512	21.963	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	71488	22.752	ug/l	99
67) Ethyl Benzene	11.593	91	317387	21.514	ug/l	99
68) m/p-Xylenes	11.703	106	248289	44.272	ug/l	99
69) o-Xylene	12.026	106	114223	21.535	ug/l	96
70) Styrene	12.044	104	199023	22.442	ug/l	99
71) Bromoform	12.209	173	54359	24.700	ug/l #	99
73) Isopropylbenzene	12.331	105	302494	20.311	ug/l	99
74) N-amyl acetate	12.142	43	115630	21.818	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	82862	22.763	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	64856m	24.424	ug/l	
77) Bromobenzene	12.611	156	77600	21.504	ug/l	91
78) n-propylbenzene	12.672	91	379414	20.683	ug/l	99
79) 2-Chlorotoluene	12.757	91	213243	20.817	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	255444	21.015	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	29466	22.698	ug/l	98
82) 4-Chlorotoluene	12.855	91	225717	21.141	ug/l	97
83) tert-Butylbenzene	13.075	119	215507	20.464	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	255826	21.647	ug/l	100
85) sec-Butylbenzene	13.257	105	331583	20.979	ug/l	99
86) p-Isopropyltoluene	13.367	119	265206	20.866	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	151917	22.097	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	149586	21.539	ug/l	99
89) n-Butylbenzene	13.696	91	253589	20.442	ug/l	99
90) Hexachloroethane	13.958	117	55275	20.663	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	137529	22.152	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15973	24.845	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	80619	21.781	ug/l	99
94) Hexachlorobutadiene	15.111	225	50230	23.318	ug/l	99
95) Naphthalene	15.239	128	179757	22.383	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	76571	23.210	ug/l	100

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

