

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015236.D
 Acq On : 22 Aug 2023 11:54
 Operator : SY/MD
 Sample : VY0822SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0822SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/23/2023
 Supervised By :Mahesh Dadoda 08/23/2023

Quant Time: Aug 22 14:27:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	178643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	291707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	264511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	102192	47.654	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.300%		
35) Dibromofluoromethane	7.716	113	90005	47.960	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.920%		
50) Toluene-d8	10.179	98	328259	46.988	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.980%		
62) 4-Bromofluorobenzene	12.483	95	117717	46.134	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	92.260%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	16836	18.877	ug/l	99
3) Chloromethane	2.113	50	20597	16.768	ug/l	100
4) Vinyl Chloride	2.247	62	26237	18.457	ug/l	95
5) Bromomethane	2.625	94	21209	19.197	ug/l	97
6) Chloroethane	2.778	64	19860	19.243	ug/l	98
7) Trichlorofluoromethane	3.113	101	47640	19.889	ug/l	97
8) Diethyl Ether	3.528	74	18122	19.291	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.887	101	29429	19.769	ug/l	97
10) Methyl Iodide	4.088	142	23310	15.946	ug/l	99
11) Tert butyl alcohol	4.948	59	48260	128.840	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	22923	18.441	ug/l	91
13) Acrolein	3.729	56	18883	107.732	ug/l	97
14) Allyl chloride	4.472	41	42099	19.102	ug/l	99
15) Acrylonitrile	5.161	53	65855	103.446	ug/l	99
16) Acetone	3.948	43	74135	105.823	ug/l	94
17) Carbon Disulfide	4.192	76	34800	15.907	ug/l	98
18) Methyl Acetate	4.472	43	52910	20.610	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	103232	19.531	ug/l	99
20) Methylene Chloride	4.716	84	48181	26.669	ug/l	94
21) trans-1,2-Dichloroethene	5.210	96	26709	19.048	ug/l	93
22) Diisopropyl ether	6.119	45	109583	19.926	ug/l	94
23) Vinyl Acetate	6.058	43	308894	94.134	ug/l #	95
24) 1,1-Dichloroethane	6.015	63	59183	19.878	ug/l	99
25) 2-Butanone	6.984	43	103019	103.859	ug/l	98
26) 2,2-Dichloropropane	6.984	77	53090	18.497	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	37084	19.361	ug/l	96
28) Bromochloromethane	7.338	49	29169	21.324	ug/l	96
29) Tetrahydrofuran	7.350	42	59923	101.032	ug/l	94
30) Chloroform	7.509	83	67119	20.110	ug/l	94
31) Cyclohexane	7.783	56	39614	19.103	ug/l #	92
32) 1,1,1-Trichloroethane	7.704	97	54661	19.246	ug/l	98
36) 1,1-Dichloropropene	7.917	75	40204	19.364	ug/l	99
37) Ethyl Acetate	7.076	43	38053	19.663	ug/l	96
38) Carbon Tetrachloride	7.899	117	46647	18.984	ug/l	97
39) Methylcyclohexane	9.185	83	44044	18.924	ug/l	96
40) Benzene	8.161	78	123015	19.598	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	19940m	19.982	ug/l	
42) 1,2-Dichloroethane	8.234	62	46076	20.212	ug/l	95
43) Isopropyl Acetate	8.271	43	69824	19.813	ug/l	99
44) Trichloroethene	8.941	130	36185	20.010	ug/l	97
45) 1,2-Dichloropropane	9.216	63	35294	19.940	ug/l	100
46) Dibromomethane	9.307	93	22204	19.890	ug/l	96
47) Bromodichloromethane	9.496	83	52355	19.653	ug/l	94
48) Methyl methacrylate	9.295	41	30963	20.538	ug/l	95
49) 1,4-Dioxane	9.301	88	8839	395.952	ug/l #	69
51) 4-Methyl-2-Pentanone	10.069	43	211287	103.446	ug/l	94
52) Toluene	10.246	92	81890	19.793	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	52858	18.880	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	56945	19.313	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	33348	19.646	ug/l	97
56) Ethyl methacrylate	10.508	69	47025	18.930	ug/l	94
57) 1,3-Dichloropropane	10.788	76	55706	20.087	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	121506	105.101	ug/l	95
59) 2-Hexanone	10.831	43	157080	103.913	ug/l	94
60) Dibromochloromethane	10.983	129	39267	19.393	ug/l	98
61) 1,2-Dibromoethane	11.087	107	31689	19.652	ug/l	100
64) Tetrachloroethene	10.721	164	38375	20.824	ug/l	97
65) Chlorobenzene	11.514	112	94083	19.522	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	37611	19.233	ug/l	98
67) Ethyl Benzene	11.593	91	161831	19.165	ug/l	97
68) m/p-Xylenes	11.703	106	121539	37.897	ug/l	99
69) o-Xylene	12.032	106	61261	19.175	ug/l	97
70) Styrene	12.044	104	105285	19.040	ug/l	98
71) Bromoform	12.209	173	26286	18.543	ug/l #	99
73) Isopropylbenzene	12.331	105	167711	19.456	ug/l	100
74) N-amyl acetate	12.142	43	57787	18.567	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	44294	19.729	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	28451m	17.469	ug/l	
77) Bromobenzene	12.605	156	40482	19.266	ug/l	97
78) n-propylbenzene	12.672	91	199817	19.520	ug/l	100
79) 2-Chlorotoluene	12.758	91	113229	19.175	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	139285	19.384	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	13306	17.945	ug/l	98
82) 4-Chlorotoluene	12.855	91	117659	19.286	ug/l	99
83) tert-Butylbenzene	13.075	119	125025	19.023	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	138090	19.232	ug/l	99
85) sec-Butylbenzene	13.251	105	189315	19.659	ug/l	100
86) p-Isopropyltoluene	13.367	119	155564	19.484	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	80692	19.362	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	82281	19.684	ug/l	98
89) n-Butylbenzene	13.696	91	147748	19.627	ug/l	97
90) Hexachloroethane	13.965	117	28924	18.261	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	76897	19.751	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8553	19.666	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	48114	19.250	ug/l	98
94) Hexachlorobutadiene	15.111	225	27329	20.101	ug/l	97
95) Naphthalene	15.239	128	116822	18.762	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	44479	19.704	ug/l	99

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

