

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031323\
 Data File : VY012920.D
 Acq On : 13 Mar 2023 10:50
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/14/2023
 Supervised By :Mahesh Dadoda 03/15/2023

Quant Time: Mar 14 01:23:32 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	106334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	158079	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	141622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	43892	41.574	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	83.140%		
35) Dibromofluoromethane	7.716	113	44955	47.122	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.240%		
50) Toluene-d8	10.179	98	155372	44.549	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.100%		
62) 4-Bromofluorobenzene	12.483	95	55333	47.005	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	47075	44.915	ug/l	98
3) Chloromethane	2.119	50	53871	42.994	ug/l	99
4) Vinyl Chloride	2.253	62	53957	46.961	ug/l	98
5) Bromomethane	2.656	94	34235	49.037	ug/l	91
6) Chloroethane	2.796	64	33397	48.535	ug/l	99
7) Trichlorofluoromethane	3.131	101	95573	50.083	ug/l	100
8) Diethyl Ether	3.534	74	30768	46.009	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.900	101	56974	49.624	ug/l	99
10) Methyl Iodide	4.095	142	74532	49.822	ug/l	98
11) Tert butyl alcohol	4.948	59	25107	202.997	ug/l	100
12) 1,1-Dichloroethene	3.875	96	54056	49.366	ug/l	99
13) Acrolein	3.729	56	30290	163.758	ug/l	100
14) Allyl chloride	4.485	41	93954	46.450	ug/l	98
15) Acrylonitrile	5.161	53	76833	218.054	ug/l	100
16) Acetone	3.942	43	109358	263.899	ug/l	98
17) Carbon Disulfide	4.198	76	167639	44.977	ug/l	100
18) Methyl Acetate	4.479	43	52042	42.172	ug/l	97
19) Methyl tert-butyl Ether	5.216	73	135162	47.788	ug/l	99
20) Methylene Chloride	4.716	84	63498	50.240	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	58544	49.199	ug/l	96
22) Diisopropyl ether	6.119	45	175190	47.687	ug/l	94
23) Vinyl Acetate	6.058	43	524768	229.892	ug/l	98
24) 1,1-Dichloroethane	6.021	63	100837	48.168	ug/l	100
25) 2-Butanone	6.984	43	121342	236.414	ug/l	98
26) 2,2-Dichloropropane	6.984	77	92965	50.000	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	64917	50.885	ug/l	98
28) Bromochloromethane	7.332	49	35020	45.776	ug/l	93
29) Tetrahydrofuran	7.344	42	64647	208.836	ug/l	97
30) Chloroform	7.503	83	105489	51.015	ug/l	100
31) Cyclohexane	7.783	56	88519	43.779	ug/l	93
32) 1,1,1-Trichloroethane	7.704	97	95472	51.055	ug/l	99
36) 1,1-Dichloropropene	7.917	75	80580	50.403	ug/l	99
37) Ethyl Acetate	7.070	43	42920	42.595	ug/l	99
38) Carbon Tetrachloride	7.899	117	89176	54.016	ug/l	98
39) Methylcyclohexane	9.185	83	96364	50.700	ug/l	98
40) Benzene	8.161	78	232816	51.482	ug/l	99

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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	7.320	41	27906m	51.403	ug/l	
42) 1,2-Dichloroethane	8.240	62	69639	51.220	ug/l	99
43) Isopropyl Acetate	8.271	43	80999	45.056	ug/l	97
44) Trichloroethene	8.941	130	63246	53.045	ug/l	96
45) 1,2-Dichloropropane	9.216	63	56915	49.799	ug/l	100
46) Dibromomethane	9.307	93	33579	51.572	ug/l	97
47) Bromodichloromethane	9.496	83	80495	52.461	ug/l	98
48) Methyl methacrylate	9.295	41	38227	46.148	ug/l	96
49) 1,4-Dioxane	9.301	88	8143	967.415	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	224053	229.759	ug/l	98
52) Toluene	10.246	92	146469	53.704	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	82949	51.540	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	94209	51.717	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	46877	51.696	ug/l	94
56) Ethyl methacrylate	10.514	69	60621	50.138	ug/l	97
57) 1,3-Dichloropropane	10.795	76	78387	50.754	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	155963	245.720	ug/l	99
59) 2-Hexanone	10.831	43	174948	246.846	ug/l	99
60) Dibromochloromethane	10.984	129	57923	52.476	ug/l	99
61) 1,2-Dibromoethane	11.093	107	44135	50.527	ug/l	100
64) Tetrachloroethene	10.721	164	55526	53.851	ug/l	97
65) Chlorobenzene	11.520	112	155668	52.373	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	58560	53.244	ug/l	100
67) Ethyl Benzene	11.593	91	279813	53.545	ug/l	99
68) m/p-Xylenes	11.703	106	215835	107.363	ug/l	98
69) o-Xylene	12.032	106	102191	54.467	ug/l	97
70) Styrene	12.044	104	171832	54.881	ug/l	100
71) Bromoform	12.209	173	37689	52.557	ug/l #	97
73) Isopropylbenzene	12.331	105	274818	53.370	ug/l	100
74) N-amyl acetate	12.142	43	71399	44.069	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	55131	47.629	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	37881m	43.660	ug/l	
77) Bromobenzene	12.611	156	65386	52.270	ug/l	94
78) n-propylbenzene	12.672	91	338195	53.272	ug/l	99
79) 2-Chlorotoluene	12.758	91	184744	52.360	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	227294	53.487	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	20015	47.798	ug/l	99
82) 4-Chlorotoluene	12.855	91	190484	52.153	ug/l	100
83) tert-Butylbenzene	13.075	119	205290	55.971	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	224079	53.925	ug/l	100
85) sec-Butylbenzene	13.258	105	300779	53.754	ug/l	100
86) p-Isopropyltoluene	13.373	119	249592	54.578	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	128621	53.312	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	127742	51.879	ug/l	99
89) n-Butylbenzene	13.697	91	233446	53.323	ug/l	99
90) Hexachloroethane	13.965	117	50219	52.724	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	114309	52.413	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8313	44.438	ug/l	92
93) 1,2,4-Trichlorobenzene	15.013	180	69803	51.983	ug/l	99
94) Hexachlorobutadiene	15.117	225	42694	52.129	ug/l	99
95) Naphthalene	15.239	128	133231	49.512	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	62375	52.229	ug/l	99

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

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