

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
 Data File : VY012128.D
 Acq On : 09 Jan 2023 22:01
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/10/2023
 Supervised By :Mahesh Dadoda 01/10/2023

Quant Time: Jan 10 01:52:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	147151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	226834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	217786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	86700	52.435	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.860%			
35) Dibromofluoromethane	7.716	113	76357	51.214	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.420%			
50) Toluene-d8	10.179	98	288314	48.993	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.980%			
62) 4-Bromofluorobenzene	12.483	95	106822	51.931	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	54904	46.692	ug/l	100
3) Chloromethane	2.113	50	52110	48.644	ug/l	99
4) Vinyl Chloride	2.253	62	61202	42.794	ug/l	99
5) Bromomethane	2.650	94	48519	52.002	ug/l	99
6) Chloroethane	2.796	64	43665	46.083	ug/l	97
7) Trichlorofluoromethane	3.125	101	131023	45.987	ug/l	99
8) Diethyl Ether	3.527	74	43988	50.427	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.899	101	68848	46.933	ug/l	95
10) Methyl Iodide	4.094	142	91403	45.962	ug/l	94
11) Tert butyl alcohol	4.954	59	46839	241.503	ug/l	98
12) 1,1-Dichloroethene	3.875	96	66116	45.972	ug/l	95
13) Acrolein	3.729	56	17898	203.717	ug/l	100
14) Allyl chloride	4.485	41	93134m	48.039	ug/l	
15) Acrylonitrile	5.161	53	106443	259.717	ug/l	99
16) Acetone	3.948	43	104344	268.263	ug/l	98
17) Carbon Disulfide	4.198	76	165386	47.454	ug/l	99
18) Methyl Acetate	4.472	43	55146	49.287	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	229595	54.239	ug/l	97
20) Methylene Chloride	4.716	84	98467	61.207	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	78734	49.475	ug/l	90
22) Diisopropyl ether	6.119	45	214284	53.729	ug/l #	95
23) Vinyl Acetate	6.058	43	638757	264.670	ug/l	95
24) 1,1-Dichloroethane	6.015	63	136533	51.466	ug/l	97
25) 2-Butanone	6.984	43	130929	255.133	ug/l #	89
26) 2,2-Dichloropropane	6.984	77	135577	47.373	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	95611	52.602	ug/l	95
28) Bromochloromethane	7.338	49	34342	51.205	ug/l #	79
29) Tetrahydrofuran	7.344	42	77909	260.087	ug/l	87
30) Chloroform	7.508	83	164395	54.364	ug/l	99
31) Cyclohexane	7.783	56	99973	47.711	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	152197	51.818	ug/l	98
36) 1,1-Dichloropropene	7.917	75	105256	46.533	ug/l	97
37) Ethyl Acetate	7.076	43	56343	46.520	ug/l #	97
38) Carbon Tetrachloride	7.899	117	141200	49.181	ug/l	99
39) Methylcyclohexane	9.185	83	121725	45.048	ug/l	95
40) Benzene	8.161	78	323536	49.084	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	34593m	52.516	ug/l	
42) 1,2-Dichloroethane	8.234	62	110910	53.148	ug/l	98
43) Isopropyl Acetate	8.271	43	103792	51.136	ug/l	95
44) Trichloroethene	8.941	130	96112	49.938	ug/l	96
45) 1,2-Dichloropropane	9.216	63	75834	51.636	ug/l	99
46) Dibromomethane	9.301	93	49256	53.276	ug/l	97
47) Bromodichloromethane	9.496	83	127506	54.239	ug/l	98
48) Methyl methacrylate	9.295	41	47850	52.629	ug/l	91
49) 1,4-Dioxane	9.295	88	13533	1057.042	ug/l	93
51) 4-Methyl-2-Pentanone	10.069	43	277954	257.361	ug/l	97
52) Toluene	10.246	92	219623	50.338	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	129130	52.802	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	137164	51.844	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	72915	54.605	ug/l	96
56) Ethyl methacrylate	10.508	69	93555	53.483	ug/l	94
57) 1,3-Dichloropropane	10.788	76	116473	52.853	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	151650	237.018	ug/l	91
59) 2-Hexanone	10.831	43	201001	265.044	ug/l	96
60) Dibromochloromethane	10.983	129	95984	54.516	ug/l	99
61) 1,2-Dibromoethane	11.087	107	66496	52.030	ug/l	99
64) Tetrachloroethene	10.721	164	106117	49.739	ug/l	97
65) Chlorobenzene	11.514	112	243394	48.934	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	98564	51.327	ug/l	97
67) Ethyl Benzene	11.593	91	432563	48.655	ug/l	99
68) m/p-Xylenes	11.703	106	339820	97.455	ug/l	100
69) o-Xylene	12.032	106	165952	49.984	ug/l	97
70) Styrene	12.044	104	284242	50.400	ug/l	98
71) Bromoform	12.209	173	62817	51.484	ug/l #	99
73) Isopropylbenzene	12.331	105	440608	48.537	ug/l	99
74) N-amyl acetate	12.142	43	91458	48.802	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	75514	49.452	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	62762m	47.913	ug/l	
77) Bromobenzene	12.611	156	107208	49.517	ug/l	94
78) n-propylbenzene	12.672	91	511503	48.268	ug/l	99
79) 2-Chlorotoluene	12.758	91	291982	48.167	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	386160	49.597	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	27777	47.094	ug/l	96
82) 4-Chlorotoluene	12.855	91	303868	47.927	ug/l	97
83) tert-Butylbenzene	13.075	119	333094	48.827	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	387391	50.264	ug/l	99
85) sec-Butylbenzene	13.251	105	475923	48.537	ug/l	98
86) p-Isopropyltoluene	13.367	119	416337	49.010	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	211030	48.625	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	210674	48.594	ug/l	99
89) n-Butylbenzene	13.696	91	355555	48.299	ug/l	99
90) Hexachloroethane	13.959	117	76112	48.295	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	188381	48.722	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14492	47.750	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	116409	48.292	ug/l	99
94) Hexachlorobutadiene	15.111	225	69852	48.028	ug/l	99
95) Naphthalene	15.239	128	236113	49.494	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	101738	48.544	ug/l	99

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

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