

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
 Data File : VY012103.D
 Acq On : 09 Jan 2023 11:41
 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 01/10/2023
 Supervised By :Mahesh Dadoda 01/10/2023

Quant Time: Jan 10 01:40:44 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	158036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	234256	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	215403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	85047	47.893	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.780%		
35) Dibromofluoromethane	7.722	113	75618	49.111	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.220%		
50) Toluene-d8	10.185	98	288109	47.407	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.820%		
62) 4-Bromofluorobenzene	12.483	95	107071	50.403	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	62303	49.570	ug/l	98
3) Chloromethane	2.119	50	55576	48.282	ug/l	99
4) Vinyl Chloride	2.253	62	67838	44.167	ug/l	100
5) Bromomethane	2.656	94	51802	51.670	ug/l	100
6) Chloroethane	2.796	64	46608	45.801	ug/l	99
7) Trichlorofluoromethane	3.131	101	144887	47.350	ug/l	99
8) Diethyl Ether	3.534	74	44229	47.211	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.905	101	75932	48.196	ug/l	94
10) Methyl Iodide	4.094	142	94694	44.337	ug/l	93
11) Tert butyl alcohol	4.960	59	43895	205.862	ug/l	100
12) 1,1-Dichloroethene	3.875	96	71470	46.272	ug/l	97
13) Acrolein	3.729	56	19245	204.011	ug/l	100
14) Allyl chloride	4.485	41	95960	46.087	ug/l #	88
15) Acrylonitrile	5.167	53	106394	241.717	ug/l	99
16) Acetone	3.954	43	106129	254.059	ug/l	98
17) Carbon Disulfide	4.198	76	178539	47.727	ug/l	100
18) Methyl Acetate	4.478	43	53702	44.691	ug/l	91
19) Methyl tert-butyl Ether	5.222	73	225865	49.683	ug/l	95
20) Methylene Chloride	4.722	84	92672	52.807	ug/l	91
21) trans-1,2-Dichloroethene	5.222	96	80907	47.339	ug/l	90
22) Diisopropyl ether	6.118	45	213396	49.821	ug/l #	90
23) Vinyl Acetate	6.064	43	648644	250.255	ug/l #	94
24) 1,1-Dichloroethane	6.021	63	138007	48.439	ug/l	97
25) 2-Butanone	6.990	43	131911	239.342	ug/l	93
26) 2,2-Dichloropropane	6.984	77	148652	48.365	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	94519	48.420	ug/l	96
28) Bromochloromethane	7.338	49	34316	47.642	ug/l #	82
29) Tetrahydrofuran	7.350	42	77611	241.247	ug/l	87
30) Chloroform	7.508	83	162299	49.974	ug/l	97
31) Cyclohexane	7.789	56	110264	49.100	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	158913	50.378	ug/l	98
36) 1,1-Dichloropropene	7.923	75	112782	48.280	ug/l	98
37) Ethyl Acetate	7.076	43	54595	43.649	ug/l #	95
38) Carbon Tetrachloride	7.905	117	148972	50.244	ug/l	96
39) Methylcyclohexane	9.185	83	131887	47.262	ug/l	93
40) Benzene	8.161	78	328445	48.250	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	31965m	46.989	ug/l	
42) 1,2-Dichloroethane	8.240	62	110134	51.104	ug/l	98
43) Isopropyl Acetate	8.270	43	103713	49.478	ug/l	96
44) Trichloroethene	8.941	130	96384	48.493	ug/l	97
45) 1,2-Dichloropropane	9.222	63	73751	48.627	ug/l	96
46) Dibromomethane	9.307	93	48464	50.759	ug/l	99
47) Bromodichloromethane	9.496	83	125151	51.550	ug/l	100
48) Methyl methacrylate	9.295	41	46396	49.413	ug/l	89
49) 1,4-Dioxane	9.295	88	12889	974.844	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	278881	250.038	ug/l	96
52) Toluene	10.246	92	220659	48.973	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	127229	50.376	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	136219	49.855	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	70321	50.994	ug/l	97
56) Ethyl methacrylate	10.514	69	92819	51.381	ug/l	95
57) 1,3-Dichloropropane	10.794	76	114690	50.395	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	164012	248.217	ug/l	92
59) 2-Hexanone	10.831	43	204925	261.657	ug/l	97
60) Dibromochloromethane	10.990	129	93634	51.497	ug/l	100
61) 1,2-Dibromoethane	11.093	107	64223	48.659	ug/l	99
64) Tetrachloroethene	10.721	164	102983	48.804	ug/l	98
65) Chlorobenzene	11.520	112	239623	48.709	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	96081	50.587	ug/l	98
67) Ethyl Benzene	11.593	91	437140	49.714	ug/l	99
68) m/p-Xylenes	11.703	106	343536	99.611	ug/l	100
69) o-Xylene	12.032	106	163432	49.769	ug/l	100
70) Styrene	12.044	104	283443	50.814	ug/l	99
71) Bromoform	12.209	173	62340	51.658	ug/l #	99
73) Isopropylbenzene	12.331	105	451108	49.655	ug/l	99
74) N-amyl acetate	12.148	43	93021	49.597	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	75625	49.486	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	55852m	42.605	ug/l	
77) Bromobenzene	12.611	156	104771	48.354	ug/l	94
78) n-propylbenzene	12.672	91	526422	49.637	ug/l	99
79) 2-Chlorotoluene	12.757	91	296943	48.948	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	390232	50.081	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	28461	48.216	ug/l	95
82) 4-Chlorotoluene	12.855	91	307747	48.501	ug/l	98
83) tert-Butylbenzene	13.081	119	349096	51.133	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	388994	50.433	ug/l	97
85) sec-Butylbenzene	13.257	105	487818	49.712	ug/l	98
86) p-Isopropyltoluene	13.373	119	428005	50.345	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	211158	48.616	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	209447	48.273	ug/l	99
89) n-Butylbenzene	13.696	91	375031	50.905	ug/l	98
90) Hexachloroethane	13.965	117	78693	49.894	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	187592	48.481	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	15073	49.626	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	120374	49.898	ug/l	99
94) Hexachlorobutadiene	15.117	225	74571	51.232	ug/l	99
95) Naphthalene	15.239	128	245986	51.524	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	105653	50.373	ug/l	99

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

