

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060923\
 Data File : VY014094.D
 Acq On : 09 Jun 2023 13:22
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/12/2023
 Supervised By :Mahesh Dadoda 06/12/2023

Quant Time: Jun 09 17:41:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 17:38:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	230001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	353034	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	321429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	164943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	140929	44.002	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.000%		
35) Dibromofluoromethane	7.716	113	119979	47.922	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.840%		
50) Toluene-d8	10.178	98	423814	45.279	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	90.560%		
62) 4-Bromofluorobenzene	12.483	95	154999	46.617	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	93.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	124687	48.643	ug/l	96
3) Chloromethane	2.113	50	153721	47.296	ug/l	98
4) Vinyl Chloride	2.253	62	153934	48.713	ug/l	96
5) Bromomethane	2.655	94	114102	43.763	ug/l	96
6) Chloroethane	2.796	64	99129	46.166	ug/l	98
7) Trichlorofluoromethane	3.131	101	249562	48.613	ug/l	100
8) Diethyl Ether	3.533	74	81306	47.431	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.905	101	130345	50.309	ug/l	100
10) Methyl Iodide	4.094	142	174816	51.098	ug/l	99
11) Tert butyl alcohol	4.966	59	84825m	240.206	ug/l	
12) 1,1-Dichloroethene	3.875	96	127312	48.480	ug/l	98
13) Acrolein	3.728	56	37801	254.098	ug/l	97
14) Allyl chloride	4.484	41	234102	49.179	ug/l	98
15) Acrylonitrile	5.167	53	211116	238.772	ug/l	100
16) Acetone	3.954	43	205282	212.634	ug/l	96
17) Carbon Disulfide	4.198	76	409313	48.099	ug/l	99
18) Methyl Acetate	4.478	43	169505	45.234	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	390528	50.422	ug/l	99
20) Methylene Chloride	4.716	84	155068	50.336	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	146359	49.969	ug/l	97
22) Diisopropyl ether	6.118	45	454839	49.905	ug/l	98
23) Vinyl Acetate	6.063	43	1333141	247.909	ug/l	99
24) 1,1-Dichloroethane	6.015	63	254831	48.494	ug/l	99
25) 2-Butanone	6.990	43	266582	224.321	ug/l	96
26) 2,2-Dichloropropane	6.984	77	237730	48.166	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	157829	48.169	ug/l	99
28) Bromochloromethane	7.331	49	98618	46.148	ug/l	96
29) Tetrahydrofuran	7.350	42	173799	230.633	ug/l	98
30) Chloroform	7.508	83	271540	48.707	ug/l	95
31) Cyclohexane	7.789	56	205731	47.951	ug/l	98
32) 1,1,1-Trichloroethane	7.703	97	244698	48.666	ug/l	99
36) 1,1-Dichloropropene	7.923	75	194083	49.724	ug/l	99
37) Ethyl Acetate	7.075	43	130454	48.439	ug/l	100
38) Carbon Tetrachloride	7.898	117	226214	50.223	ug/l	98
39) Methylcyclohexane	9.185	83	223808	51.680	ug/l	100
40) Benzene	8.161	78	571450	49.235	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	59134	41.945	ug/l	98
42) 1,2-Dichloroethane	8.240	62	197982	48.237	ug/l	100
43) Isopropyl Acetate	8.276	43	229813	48.687	ug/l	97
44) Trichloroethene	8.941	130	155049	50.000	ug/l	98
45) 1,2-Dichloropropane	9.215	63	145091	49.216	ug/l	98
46) Dibromomethane	9.307	93	87246	48.077	ug/l	99
47) Bromodichloromethane	9.496	83	210142	49.457	ug/l	99
48) Methyl methacrylate	9.294	41	107085	48.640	ug/l	99
49) 1,4-Dioxane	9.319	88	22989	965.422	ug/l #	49
51) 4-Methyl-2-Pentanone	10.069	43	620327	241.895	ug/l	100
52) Toluene	10.246	92	358830	49.873	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	220881	49.381	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	238746	48.920	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	117684	48.893	ug/l	95
56) Ethyl methacrylate	10.514	69	169990	51.202	ug/l	97
57) 1,3-Dichloropropane	10.788	76	203488	49.431	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	357676	242.121	ug/l	98
59) 2-Hexanone	10.831	43	441739	238.495	ug/l	100
60) Dibromochloromethane	10.983	129	150777	48.943	ug/l	99
61) 1,2-Dibromoethane	11.093	107	115358	48.562	ug/l	100
64) Tetrachloroethene	10.721	164	135897	49.602	ug/l	97
65) Chlorobenzene	11.520	112	382752	49.557	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	152569	50.223	ug/l	99
67) Ethyl Benzene	11.593	91	690574	51.082	ug/l	100
68) m/p-Xylenes	11.703	106	529658	101.858	ug/l	99
69) o-Xylene	12.032	106	251627	51.182	ug/l	98
70) Styrene	12.044	104	429172	51.148	ug/l	99
71) Bromoform	12.209	173	102631	49.331	ug/l	100
73) Isopropylbenzene	12.331	105	665425	52.883	ug/l	100
74) N-amyl acetate	12.142	43	204932	51.394	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.581	83	139472	49.606	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	115349m	54.895	ug/l	
77) Bromobenzene	12.611	156	169303	51.193	ug/l	95
78) n-propylbenzene	12.672	91	810357	52.727	ug/l	100
79) 2-Chlorotoluene	12.757	91	452573	51.177	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	566190	52.551	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	51429	51.372	ug/l	99
82) 4-Chlorotoluene	12.855	91	483284	51.571	ug/l	99
83) tert-Butylbenzene	13.074	119	480055	52.432	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	558066	52.327	ug/l	100
85) sec-Butylbenzene	13.257	105	705564	53.005	ug/l	100
86) p-Isopropyltoluene	13.373	119	600539	52.715	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	320014	50.680	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	318923	50.129	ug/l	99
89) n-Butylbenzene	13.696	91	554970	52.522	ug/l	99
90) Hexachloroethane	13.964	117	115398	50.834	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	286581	50.533	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	24630	46.001	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	181127	50.417	ug/l	100
94) Hexachlorobutadiene	15.111	225	106741	51.464	ug/l	96
95) Naphthalene	15.239	128	364000	49.917	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	159288	49.067	ug/l	100

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

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