

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120922\
 Data File : VY011739.D
 Acq On : 09 Dec 2022 12:00
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/12/2022
 Supervised By :Mahesh Dadoda 12/12/2022

Quant Time: Dec 10 03:09:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 03:06:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	253341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	385118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	342401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	165704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	79921	38.845	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	77.680%		
35) Dibromofluoromethane	7.716	113	83431	42.956	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	85.920%		
50) Toluene-d8	10.179	98	268143	39.356	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	78.720%		
62) 4-Bromofluorobenzene	12.483	95	106391	40.669	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	81.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	53073	38.376	ug/l	100
3) Chloromethane	2.113	50	66808	43.122	ug/l	100
4) Vinyl Chloride	2.253	62	80125	44.180	ug/l	100
5) Bromomethane	2.650	94	54441	43.505	ug/l	100
6) Chloroethane	2.796	64	56800	45.213	ug/l	100
7) Trichlorofluoromethane	3.131	101	158049	45.383	ug/l	100
8) Diethyl Ether	3.528	74	55355	45.379	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.899	101	95986	46.171	ug/l	100
10) Methyl Iodide	4.095	142	119436	49.068	ug/l	100
11) Tert butyl alcohol	4.948	59	51377	165.869	ug/l	100
12) 1,1-Dichloroethene	3.875	96	86868	46.332	ug/l	100
13) Acrolein	3.729	56	82031	229.691	ug/l	100
14) Allyl chloride	4.479	41	147543	47.375	ug/l	100
15) Acrylonitrile	5.161	53	151057	230.713	ug/l	100
16) Acetone	3.948	43	158825	229.596	ug/l	100
17) Carbon Disulfide	4.198	76	195221	45.594	ug/l	100
18) Methyl Acetate	4.479	43	72777	37.253	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	279875	47.676	ug/l	100
20) Methylene Chloride	4.716	84	117689	37.120	ug/l	100
21) trans-1,2-Dichloroethene	5.222	96	98292	46.644	ug/l	100
22) Diisopropyl ether	6.119	45	334468	49.224	ug/l	100
23) Vinyl Acetate	6.058	43	991810	255.856	ug/l	100
24) 1,1-Dichloroethane	6.021	63	193893	46.958	ug/l	100
25) 2-Butanone	6.984	43	202014	227.030	ug/l	100
26) 2,2-Dichloropropane	6.984	77	182597	47.004	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	121937	47.345	ug/l	100
28) Bromochloromethane	7.332	49	71773	47.746	ug/l	100
29) Tetrahydrofuran	7.344	42	116217	229.471	ug/l	100
30) Chloroform	7.509	83	210624	47.714	ug/l	100
31) Cyclohexane	7.783	56	147831	44.671	ug/l	100
32) 1,1,1-Trichloroethane	7.704	97	187066	47.517	ug/l	100
36) 1,1-Dichloropropene	7.917	75	141542	48.433	ug/l	100
37) Ethyl Acetate	7.070	43	82280	48.157	ug/l	100
38) Carbon Tetrachloride	7.905	117	168712	49.146	ug/l	100
39) Methylcyclohexane	9.185	83	161924	49.243	ug/l	100
40) Benzene	8.161	78	423111	48.463	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	43198m	50.036	ug/l	
42) 1,2-Dichloroethane	8.240	62	129769	48.066	ug/l	100
43) Isopropyl Acetate	8.271	43	147573	47.633	ug/l	100
44) Trichloroethene	8.941	130	116774	47.757	ug/l	100
45) 1,2-Dichloropropane	9.216	63	110098	48.723	ug/l	100
46) Dibromomethane	9.307	93	59992	47.429	ug/l	100
47) Bromodichloromethane	9.496	83	159957	48.950	ug/l	100
48) Methyl methacrylate	9.289	41	67183	49.195	ug/l	100
49) 1,4-Dioxane	9.295	88	16632	949.149	ug/l	100
51) 4-Methyl-2-Pentanone	10.069	43	416419	243.933	ug/l	100
52) Toluene	10.246	92	272936	49.175	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	158773	48.643	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	180067	49.100	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	89524	47.886	ug/l	100
56) Ethyl methacrylate	10.508	69	121139	50.195	ug/l	100
57) 1,3-Dichloropropane	10.788	76	150749	48.374	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	275778	246.432	ug/l	100
59) 2-Hexanone	10.831	43	300971	246.758	ug/l	100
60) Dibromochloromethane	10.984	129	112693	48.127	ug/l	100
61) 1,2-Dibromoethane	11.087	107	81696	48.236	ug/l	100
64) Tetrachloroethene	10.721	164	115970	47.872	ug/l	100
65) Chlorobenzene	11.514	112	299069	48.476	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	117990	49.298	ug/l	100
67) Ethyl Benzene	11.593	91	538589	49.545	ug/l	100
68) m/p-Xylenes	11.703	106	410707	98.654	ug/l	100
69) o-Xylene	12.032	106	197092	49.668	ug/l	100
70) Styrene	12.044	104	339746	50.164	ug/l	100
71) Bromoform	12.209	173	71941	48.731	ug/l	100
73) Isopropylbenzene	12.331	105	542759	50.555	ug/l	100
74) N-amyl acetate	12.142	43	128153	49.647	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.581	83	100005	47.830	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	80841m	40.927	ug/l	
77) Bromobenzene	12.611	156	123687	49.343	ug/l	100
78) n-propylbenzene	12.672	91	643496	50.016	ug/l	100
79) 2-Chlorotoluene	12.758	91	363333	49.482	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	454188	50.051	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	36220	49.025	ug/l	100
82) 4-Chlorotoluene	12.855	91	373628	49.059	ug/l	100
83) tert-Butylbenzene	13.075	119	403837	51.108	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	445186	49.826	ug/l	100
85) sec-Butylbenzene	13.251	105	593944	50.473	ug/l	100
86) p-Isopropyltoluene	13.367	119	494288	50.468	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	245765	48.720	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	240861	48.042	ug/l	100
89) n-Butylbenzene	13.696	91	448457	50.369	ug/l	100
90) Hexachloroethane	13.959	117	93385	47.984	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	219689	48.396	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	17212	47.217	ug/l	100
93) 1,2,4-Trichlorobenzene	15.007	180	129872	49.053	ug/l	100
94) Hexachlorobutadiene	15.111	225	81430	48.406	ug/l	100
95) Naphthalene	15.239	128	258136	50.339	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	112997	49.410	ug/l	100

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

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