

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062422\
 Data File : VY009310.D
 Acq On : 24 Jun 2022 14:54
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
 Supervised By :Mahesh Dadoda 06/30/2022

Quant Time: Jun 25 06:34:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 06:30:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	202205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	326867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	288113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	73725	34.824	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	69.640%		
35) Dibromofluoromethane	7.710	113	83004	40.716	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	81.440%		
50) Toluene-d8	10.173	98	251394	32.892	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	65.780%		
62) 4-Bromofluorobenzene	12.477	95	115947	41.573	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	83.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	72580	48.010	ug/l	100
3) Chloromethane	2.107	50	88829	48.455	ug/l	100
4) Vinyl Chloride	2.241	62	95559	47.260	ug/l	100
5) Bromomethane	2.637	94	57288	41.380	ug/l	100
6) Chloroethane	2.784	64	49093	37.711	ug/l	100
7) Trichlorofluoromethane	3.119	101	121940	38.931	ug/l	100
8) Diethyl Ether	3.521	74	51978	44.694	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.887	101	88941	44.036	ug/l	100
10) Methyl Iodide	4.082	142	125759	50.610	ug/l	100
11) Tert butyl alcohol	4.948	59	62593	150.524	ug/l	100
12) 1,1-Dichloroethene	3.863	96	89006	45.914	ug/l	100
13) Acrolein	3.722	56	46649	445.588	ug/l	100
14) Allyl chloride	4.472	41	161431	46.658	ug/l	100
15) Acrylonitrile	5.149	53	140246	217.656	ug/l	100
16) Acetone	3.936	43	125035	225.945	ug/l	100
17) Carbon Disulfide	4.180	76	289735	52.723	ug/l	100
18) Methyl Acetate	4.472	43	66092	35.547	ug/l	100
19) Methyl tert-butyl Ether	5.210	73	262098	45.706	ug/l	100
20) Methylene Chloride	4.704	84	107837	30.291	ug/l	100
21) trans-1,2-Dichloroethene	5.210	96	110152	48.222	ug/l	100
22) Diisopropyl ether	6.112	45	318659	44.696	ug/l	100
23) Vinyl Acetate	6.051	43	1063860	241.777	ug/l	100
24) 1,1-Dichloroethane	6.009	63	186224	45.672	ug/l	100
25) 2-Butanone	6.978	43	187121	214.868	ug/l	100
26) 2,2-Dichloropropane	6.972	77	161837	42.352	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	117759	44.764	ug/l	100
28) Bromochloromethane	7.332	49	86417	48.734	ug/l	100
29) Tetrahydrofuran	7.344	42	122971	223.486	ug/l	100
30) Chloroform	7.502	83	184417	44.262	ug/l	100
31) Cyclohexane	7.777	56	168039	44.271	ug/l	100
32) 1,1,1-Trichloroethane	7.691	97	162786	44.595	ug/l	100
36) 1,1-Dichloropropene	7.911	75	145507	45.862	ug/l	100
37) Ethyl Acetate	7.063	43	82359	43.041	ug/l	100
38) Carbon Tetrachloride	7.892	117	149352	45.285	ug/l	100
39) Methylcyclohexane	9.179	83	184603	47.248	ug/l	100
40) Benzene	8.155	78	429727	45.938	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	43004m	41.598	ug/l	
42) 1,2-Dichloroethane	8.234	62	120430	44.808	ug/l	100
43) Isopropyl Acetate	8.270	43	150726	43.097	ug/l	100
44) Trichloroethene	8.935	130	119417	45.296	ug/l	100
45) 1,2-Dichloropropane	9.209	63	105979	44.304	ug/l	100
46) Dibromomethane	9.301	93	61233	44.688	ug/l	100
47) Bromodichloromethane	9.490	83	141613	43.802	ug/l	100
48) Methyl methacrylate	9.289	41	66021	43.157	ug/l	100
49) 1,4-Dioxane	9.289	88	17113	865.797	ug/l	100
51) 4-Methyl-2-Pentanone	10.063	43	380648	209.833	ug/l	100
52) Toluene	10.240	92	263480	44.688	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	149903	44.530	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	171917	44.931	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	83632	43.875	ug/l	100
56) Ethyl methacrylate	10.508	69	114029	45.097	ug/l	100
57) 1,3-Dichloropropane	10.788	76	142055	43.403	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	312623	275.910	ug/l	100
59) 2-Hexanone	10.825	43	265153	215.630	ug/l	100
60) Dibromochloromethane	10.977	129	102546	43.994	ug/l	100
61) 1,2-Dibromoethane	11.081	107	83260	44.374	ug/l	100
64) Tetrachloroethene	10.715	164	125092	45.653	ug/l	100
65) Chlorobenzene	11.514	112	282562	44.289	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	102336	43.990	ug/l	100
67) Ethyl Benzene	11.587	91	491488	44.517	ug/l	100
68) m/p-Xylenes	11.697	106	388456	89.490	ug/l	100
69) o-Xylene	12.026	106	183311	44.606	ug/l	100
70) Styrene	12.038	104	306058	44.806	ug/l	100
71) Bromoform	12.203	173	62489	43.581	ug/l	100
73) Isopropylbenzene	12.325	105	472026	44.566	ug/l	100
74) N-amyl acetate	12.142	43	123055	43.335	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.581	83	88214	43.705	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	61648m	39.356	ug/l	
77) Bromobenzene	12.605	156	114393	44.374	ug/l	100
78) n-propylbenzene	12.666	91	571236	44.720	ug/l	100
79) 2-Chlorotoluene	12.751	91	323231	44.877	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	394736	44.769	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	32736	43.855	ug/l	100
82) 4-Chlorotoluene	12.849	91	329878	43.934	ug/l	100
83) tert-Butylbenzene	13.074	119	344329	44.861	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	388236	45.011	ug/l	100
85) sec-Butylbenzene	13.251	105	507780	44.206	ug/l	100
86) p-Isopropyltoluene	13.367	119	421965	44.240	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	219603	43.962	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	219417	43.820	ug/l	100
89) n-Butylbenzene	13.696	91	388813	43.785	ug/l	100
90) Hexachloroethane	13.958	117	79222	43.928	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	195903	43.793	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15130	42.002	ug/l	100
93) 1,2,4-Trichlorobenzene	15.007	180	118766	43.730	ug/l	100
94) Hexachlorobutadiene	15.111	225	65119	44.415	ug/l	100
95) Naphthalene	15.233	128	246625	45.251	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	103891	44.470	ug/l	100

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

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