

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070722\
 Data File : VY009467.D
 Acq On : 07 Jul 2022 12:37
 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 :Mahesh Dadoda 07/08/2022
 Supervised By :Semsettin Yesilyurt 07/08/2022

Quant Time: Jul 08 01:31:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 01:24:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	183201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	295423	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	277812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	140547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	60648	38.726	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	77.460%		
35) Dibromofluoromethane	7.716	113	68296	43.936	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.880%		
50) Toluene-d8	10.173	98	205875	38.552	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	77.100%#		
62) 4-Bromofluorobenzene	12.477	95	106889	48.714	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	97.420%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	50690	36.081	ug/l	94
3) Chloromethane	2.107	50	56246	35.851	ug/l	98
4) Vinyl Chloride	2.241	62	70644	39.549	ug/l	100
5) Bromomethane	2.637	94	44437	34.628	ug/l	97
6) Chloroethane	2.784	64	41214	39.520	ug/l	99
7) Trichlorofluoromethane	3.113	101	100276	42.047	ug/l	95
8) Diethyl Ether	3.521	74	38643	42.353	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.887	101	66121	40.921	ug/l	96
10) Methyl Iodide	4.082	142	83361	43.480	ug/l	91
11) Tert butyl alcohol	4.948	59	46609	165.236	ug/l	99
12) 1,1-Dichloroethene	3.857	96	59760	39.875	ug/l	78
13) Acrolein	3.722	56	36579	317.995	ug/l	97
14) Allyl chloride	4.466	41	114603	44.445	ug/l	95
15) Acrylonitrile	5.149	53	118372	235.781	ug/l	97
16) Acetone	3.942	43	97537	218.858	ug/l	96
17) Carbon Disulfide	4.186	76	136480	32.356	ug/l	98
18) Methyl Acetate	4.472	43	52759	40.320	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	214265	47.236	ug/l	95
20) Methylene Chloride	4.704	84	80996	32.287	ug/l	86
21) trans-1,2-Dichloroethene	5.216	96	72676	41.386	ug/l	86
22) Diisopropyl ether	6.106	45	287519	52.448	ug/l	98
23) Vinyl Acetate	6.051	43	930750	265.541	ug/l #	95
24) 1,1-Dichloroethane	6.009	63	143379	46.379	ug/l	97
25) 2-Butanone	6.978	43	165971	230.214	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	136836	44.910	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	93673	45.310	ug/l	90
28) Bromochloromethane	7.325	49	69987	53.864	ug/l	91
29) Tetrahydrofuran	7.338	42	109274	234.341	ug/l	94
30) Chloroform	7.496	83	153605	45.399	ug/l	97
31) Cyclohexane	7.777	56	117677	39.152	ug/l	98
32) 1,1,1-Trichloroethane	7.697	97	134012	44.926	ug/l	97
36) 1,1-Dichloropropene	7.911	75	108156	42.738	ug/l	97
37) Ethyl Acetate	7.063	43	72088	45.444	ug/l #	94
38) Carbon Tetrachloride	7.892	117	119621	44.198	ug/l	98
39) Methylcyclohexane	9.179	83	126207	41.547	ug/l	93
40) Benzene	8.155	78	329384	44.324	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	32949m	22.335	ug/l	
42) 1,2-Dichloroethane	8.228	62	100274	44.946	ug/l	92
43) Isopropyl Acetate	8.264	43	140565	47.491	ug/l	95
44) Trichloroethene	8.935	130	91737	43.699	ug/l	97
45) 1,2-Dichloropropane	9.209	63	88557	47.089	ug/l	95
46) Dibromomethane	9.301	93	50905	46.119	ug/l	98
47) Bromodichloromethane	9.490	83	122652	46.685	ug/l	99
48) Methyl methacrylate	9.289	41	60698	47.598	ug/l	90
49) 1,4-Dioxane	9.295	88	14905	916.946	ug/l	88
51) 4-Methyl-2-Pentanone	10.063	43	380750	244.613	ug/l	93
52) Toluene	10.240	92	218729	46.190	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	133452	48.202	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	143216	46.392	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	75853	47.636	ug/l	98
56) Ethyl methacrylate	10.502	69	107568	50.881	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	125854	47.944	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	266308	257.865	ug/l	96
59) 2-Hexanone	10.825	43	268331	248.783	ug/l	92
60) Dibromochloromethane	10.977	129	93202	48.334	ug/l	99
61) 1,2-Dibromoethane	11.087	107	72722	47.638	ug/l	98
64) Tetrachloroethene	10.715	164	105505	45.422	ug/l	99
65) Chlorobenzene	11.514	112	246410	45.161	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	94432	46.010	ug/l	97
67) Ethyl Benzene	11.587	91	437443	45.924	ug/l	97
68) m/p-Xylenes	11.697	106	344347	92.692	ug/l	94
69) o-Xylene	12.026	106	166580	46.781	ug/l	93
70) Styrene	12.038	104	285260	47.962	ug/l	96
71) Bromoform	12.203	173	63509	48.549	ug/l #	98
73) Isopropylbenzene	12.325	105	442545	46.041	ug/l	97
74) N-amyl acetate	12.136	43	129074	47.197	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	88642	46.058	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	63301m	25.536	ug/l	
77) Bromobenzene	12.605	156	106759	45.624	ug/l	95
78) n-propylbenzene	12.666	91	540265	46.524	ug/l	97
79) 2-Chlorotoluene	12.751	91	306332	47.119	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	375447	46.730	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	34111	46.924	ug/l #	84
82) 4-Chlorotoluene	12.849	91	314034	46.091	ug/l	97
83) tert-Butylbenzene	13.068	119	337506	47.218	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	370658	46.350	ug/l	97
85) sec-Butylbenzene	13.251	105	495255	47.046	ug/l	99
86) p-Isopropyltoluene	13.367	119	405896	46.256	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	212778	46.066	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	213888	45.752	ug/l	98
89) n-Butylbenzene	13.690	91	384371	46.908	ug/l	97
90) Hexachloroethane	13.958	117	79290	46.053	ug/l	90
91) 1,2-Dichlorobenzene	13.733	146	195414	46.176	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15653	46.403	ug/l	78
93) 1,2,4-Trichlorobenzene	15.007	180	123442	47.826	ug/l	99
94) Hexachlorobutadiene	15.111	225	65677	46.283	ug/l	96
95) Naphthalene	15.233	128	249411	46.736	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	105775	47.315	ug/l	98

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

