

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042622\
 Data File : VY008512.D
 Acq On : 26 Apr 2022 18:23
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/27/2022
 Supervised By :Mahesh Dadoda 04/27/2022

Quant Time: Apr 27 01:24:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	89894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	155913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	152091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	56682	53.589	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.180%			
35) Dibromofluoromethane	7.716	113	55478	55.134	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.260%			
50) Toluene-d8	10.179	98	207027	51.557	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.120%			
62) 4-Bromofluorobenzene	12.483	95	71511	52.778	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	36798	45.077	ug/l	97
3) Chloromethane	2.113	50	70940	55.225	ug/l	96
4) Vinyl Chloride	2.247	62	95530	57.234	ug/l	100
5) Bromomethane	2.650	94	86455	55.706	ug/l	97
6) Chloroethane	2.790	64	64274	57.882	ug/l	99
7) Trichlorofluoromethane	3.125	101	84277	48.741	ug/l	95
8) Diethyl Ether	3.528	74	29313	49.257	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.893	101	51059	49.606	ug/l	95
10) Methyl Iodide	4.095	142	57997	43.011	ug/l	91
11) Tert butyl alcohol	4.948	59	26678	248.944	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	48072	49.470	ug/l #	79
13) Acrolein	3.729	56	24901	221.123	ug/l	98
14) Allyl chloride	4.473	41	66282	52.258	ug/l #	87
15) Acrylonitrile	5.161	53	78875	259.220	ug/l	98
16) Acetone	3.948	43	54581	221.548	ug/l #	88
17) Carbon Disulfide	4.192	76	142798	48.606	ug/l	100
18) Methyl Acetate	4.479	43	34470	49.891	ug/l #	85
19) Methyl tert-butyl Ether	5.222	73	156696	50.962	ug/l	94
20) Methylene Chloride	4.710	84	62375	48.497	ug/l #	80
21) trans-1,2-Dichloroethene	5.216	96	60009	50.625	ug/l #	81
22) Diisopropyl ether	6.119	45	163113	53.253	ug/l #	93
23) Vinyl Acetate	6.058	43	570476	271.660	ug/l #	88
24) 1,1-Dichloroethane	6.015	63	102501	53.761	ug/l	98
25) 2-Butanone	6.984	43	98884	259.443	ug/l #	78
26) 2,2-Dichloropropane	6.978	77	89501	50.684	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	72676	53.600	ug/l	82
28) Bromochloromethane	7.332	49	40438	52.580	ug/l #	74
29) Tetrahydrofuran	7.344	42	65909	268.485	ug/l #	76
30) Chloroform	7.503	83	112385	53.654	ug/l	99
31) Cyclohexane	7.783	56	84680	48.699	ug/l	88
32) 1,1,1-Trichloroethane	7.704	97	98016	53.440	ug/l	96
36) 1,1-Dichloropropene	7.917	75	82663	51.645	ug/l	97
37) Ethyl Acetate	7.070	43	46744	52.807	ug/l #	93
38) Carbon Tetrachloride	7.899	117	87619	52.687	ug/l	96
39) Methylcyclohexane	9.185	83	106916	52.169	ug/l #	84
40) Benzene	8.161	78	247511	53.004	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	24001m	55.911	ug/l	
42) 1,2-Dichloroethane	8.234	62	74519	53.005	ug/l	92
43) Isopropyl Acetate	8.271	43	86909	53.384	ug/l #	87
44) Trichloroethene	8.941	130	67324	52.332	ug/l	99
45) 1,2-Dichloropropane	9.216	63	60226	53.708	ug/l	97
46) Dibromomethane	9.301	93	41447	52.757	ug/l	94
47) Bromodichloromethane	9.496	83	89564	53.705	ug/l	98
48) Methyl methacrylate	9.295	41	38099	55.040	ug/l #	78
49) 1,4-Dioxane	9.301	88	10944	1104.711	ug/l #	78
51) 4-Methyl-2-Pentanone	10.069	43	237414	277.219	ug/l #	86
52) Toluene	10.246	92	166275	53.844	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	95761	53.544	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	103194	52.068	ug/l #	84
55) 1,1,2-Trichloroethane	10.642	97	56475	52.669	ug/l	98
56) Ethyl methacrylate	10.508	69	76066	54.941	ug/l #	76
57) 1,3-Dichloropropane	10.789	76	93599	53.474	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	190712	251.341	ug/l	92
59) 2-Hexanone	10.831	43	165016	279.999	ug/l	83
60) Dibromochloromethane	10.984	129	67197	54.546	ug/l	100
61) 1,2-Dibromoethane	11.087	107	56415	53.195	ug/l	100
64) Tetrachloroethene	10.721	164	58126	51.536	ug/l	99
65) Chlorobenzene	11.514	112	181017	52.637	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	67884	53.467	ug/l	97
67) Ethyl Benzene	11.593	91	316975	53.109	ug/l	97
68) m/p-Xylenes	11.703	106	255356	106.814	ug/l	91
69) o-Xylene	12.032	106	123269	53.559	ug/l	90
70) Styrene	12.044	104	210186	54.191	ug/l	94
71) Bromoform	12.209	173	42213	53.052	ug/l #	98
73) Isopropylbenzene	12.331	105	314307	52.734	ug/l	100
74) N-amyl acetate	12.142	43	80463	54.637	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.581	83	70816	53.176	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	51374m	50.498	ug/l	
77) Bromobenzene	12.611	156	74711	51.397	ug/l	95
78) n-propylbenzene	12.672	91	379140	53.033	ug/l	99
79) 2-Chlorotoluene	12.758	91	210182	52.236	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	260947	52.746	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	23295	53.120	ug/l #	85
82) 4-Chlorotoluene	12.855	91	222243	53.301	ug/l	97
83) tert-Butylbenzene	13.075	119	229687	53.481	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	258766	52.715	ug/l	96
85) sec-Butylbenzene	13.251	105	346892	53.521	ug/l	100
86) p-Isopropyltoluene	13.367	119	288485	53.147	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	149263	51.290	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	148861	51.637	ug/l	98
89) n-Butylbenzene	13.697	91	261383	53.055	ug/l	99
90) Hexachloroethane	13.959	117	53981	55.315	ug/l	80
91) 1,2-Dichlorobenzene	13.739	146	133008	51.401	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10283	51.381	ug/l	80
93) 1,2,4-Trichlorobenzene	15.007	180	72201	50.126	ug/l	99
94) Hexachlorobutadiene	15.111	225	35362	50.316	ug/l	98
95) Naphthalene	15.239	128	164137	50.267	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	61686	48.929	ug/l	99

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

