

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
 Data File : VY008915.D
 Acq On : 20 May 2022 19:47
 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 : John Carlone 05/24/2022
 Supervised By : Mahesh Dadoda 05/24/2022

Quant Time: May 20 23:01:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 22:58:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	152064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	252639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	260354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	167085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	61058	44.940	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.880%		
35) Dibromofluoromethane	7.716	113	66206	45.969	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.940%		
50) Toluene-d8	10.179	98	224222	41.545	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	83.100%		
62) 4-Bromofluorobenzene	12.483	95	124348	60.588	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	121.180%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	73131	59.404	ug/l	97
3) Chloromethane	2.113	50	104819	55.913	ug/l	96
4) Vinyl Chloride	2.247	62	153855	57.817	ug/l	96
5) Bromomethane	2.644	94	125219	60.623	ug/l	98
6) Chloroethane	2.790	64	103856	53.703	ug/l	99
7) Trichlorofluoromethane	3.119	101	127532	52.095	ug/l	97
8) Diethyl Ether	3.528	74	38875	55.497	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.893	101	79644	54.162	ug/l	93
10) Methyl Iodide	4.089	142	93542	57.076	ug/l	92
11) Tert butyl alcohol	4.948	59	38581	245.080	ug/l #	94
12) 1,1-Dichloroethene	3.863	96	72839	54.321	ug/l	88
13) Acrolein	3.723	56	7014	95.381	ug/l	95
14) Allyl chloride	4.473	41	112255	56.513	ug/l #	89
15) Acrylonitrile	5.155	53	109883	239.861	ug/l	99
16) Acetone	3.948	43	80083	220.663	ug/l	93
17) Carbon Disulfide	4.186	76	243357	59.743	ug/l	99
18) Methyl Acetate	4.473	43	51422	44.387	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	219751	60.034	ug/l	97
20) Methylene Chloride	4.710	84	94148	49.228	ug/l	85
21) trans-1,2-Dichloroethene	5.216	96	91558	55.559	ug/l	88
22) Diisopropyl ether	6.119	45	266726	62.474	ug/l #	93
23) Vinyl Acetate	6.058	43	912150	306.621	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	157615	56.644	ug/l	98
25) 2-Butanone	6.984	43	150774	252.283	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	144354	55.021	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	106955	58.137	ug/l	86
28) Bromochloromethane	7.332	49	51976	51.002	ug/l	87
29) Tetrahydrofuran	7.344	42	103561	259.188	ug/l #	83
30) Chloroform	7.503	83	169999	57.101	ug/l	98
31) Cyclohexane	7.783	56	153267	58.224	ug/l	88
32) 1,1,1-Trichloroethane	7.698	97	157733	57.156	ug/l	97
36) 1,1-Dichloropropene	7.911	75	138335	56.314	ug/l	98
37) Ethyl Acetate	7.076	43	70793	49.584	ug/l	96
38) Carbon Tetrachloride	7.899	117	144691	55.198	ug/l	98
39) Methylcyclohexane	9.179	83	185277	62.308	ug/l	89
40) Benzene	8.161	78	402555	58.378	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	38325m	50.963	ug/l	
42) 1,2-Dichloroethane	8.234	62	117230	57.901	ug/l	94
43) Isopropyl Acetate	8.271	43	136678	56.522	ug/l #	92
44) Trichloroethene	8.935	130	105614	56.627	ug/l	96
45) 1,2-Dichloropropane	9.216	63	98240	59.741	ug/l	99
46) Dibromomethane	9.301	93	61545	57.177	ug/l	95
47) Bromodichloromethane	9.496	83	140089	58.639	ug/l	98
48) Methyl methacrylate	9.289	41	63293	59.120	ug/l #	87
49) 1,4-Dioxane	9.289	88	16401	1046.847	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	390176	276.112	ug/l	91
52) Toluene	10.240	92	293807	62.263	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	155412	62.249	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	161426	60.054	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	87805	59.991	ug/l	97
56) Ethyl methacrylate	10.508	69	117300	65.146	ug/l #	82
57) 1,3-Dichloropropane	10.789	76	143785	59.638	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	246522	279.134	ug/l	95
59) 2-Hexanone	10.831	43	275096	275.004	ug/l	88
60) Dibromochloromethane	10.984	129	107520	60.796	ug/l	100
61) 1,2-Dibromoethane	11.087	107	87960	60.154	ug/l	100
64) Tetrachloroethene	10.721	164	97145	56.080	ug/l	97
65) Chlorobenzene	11.514	112	309620	56.766	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	116207	58.058	ug/l	97
67) Ethyl Benzene	11.593	91	585185	59.702	ug/l	96
68) m/p-Xylenes	11.703	106	495685	126.174	ug/l	91
69) o-Xylene	12.032	106	228337	62.961	ug/l	93
70) Styrene	12.044	104	408956	66.085	ug/l	93
71) Bromoform	12.209	173	80252	59.093	ug/l #	96
73) Isopropylbenzene	12.331	105	626641	53.028	ug/l	99
74) N-amyl acetate	12.142	43	146917	52.401	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.581	83	123875	47.789	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	92388m	47.217	ug/l	
77) Bromobenzene	12.605	156	140952	51.504	ug/l	95
78) n-propylbenzene	12.666	91	491766	36.305	ug/l	97
79) 2-Chlorotoluene	12.758	91	426884	54.242	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	553811	57.707	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	43204	48.616	ug/l	86
82) 4-Chlorotoluene	12.855	91	476972	57.177	ug/l	97
83) tert-Butylbenzene	13.075	119	485977	56.520	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	557534	58.583	ug/l	97
85) sec-Butylbenzene	13.252	105	760431	56.747	ug/l	100
86) p-Isopropyltoluene	13.367	119	642366	58.668	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	322724	55.962	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	322081	56.509	ug/l	98
89) n-Butylbenzene	13.697	91	573352	55.584	ug/l	100
90) Hexachloroethane	13.959	117	113213	54.797	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	279782	55.638	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	19918	45.566	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	145948	53.194	ug/l	100
94) Hexachlorobutadiene	15.111	225	78547	50.094	ug/l	99
95) Naphthalene	15.239	128	302097	50.058	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	125642	52.280	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Abundance

TIC: VY008915.D\data.ms

Time-->