

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
 Data File : VY008535.D
 Acq On : 27 Apr 2022 18:16
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 28 01:35:17 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

Manual Integrations APPROVED

Reviewed By : John Carlone 04/28/2022
 Supervised By : Mahesh Dadoda 05/04/2022

Supervised By : Mahesh
 Dadoda
 05/04/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	146515	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	232892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	219897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	83122	48.217	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.440%		
35) Dibromofluoromethane	7.716	113	93515	62.217	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	124.440%		
50) Toluene-d8	10.179	98	324539	54.000	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	108.000%		
62) 4-Bromofluorobenzene	12.483	95	115571	57.103	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	114.200%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	77483	58.236	ug/l	99
3) Chloromethane	2.113	50	75423	36.025	ug/l	94
4) Vinyl Chloride	2.253	62	103045	37.878	ug/l	99
5) Bromomethane	2.650	94	91603	36.214	ug/l	99
6) Chloroethane	2.796	64	68693	37.955	ug/l	99
7) Trichlorofluoromethane	3.125	101	165624	58.770	ug/l	92
8) Diethyl Ether	3.527	74	52215	53.833	ug/l	64
9) 1,1,2-Trichlorotrifluo...	3.899	101	99069	59.053	ug/l	92
10) Methyl Iodide	4.094	142	132944	59.803	ug/l	88
11) Tert butyl alcohol	4.948	59	39842	225.841	ug/l #	95
12) 1,1-Dichloroethene	3.875	96	92602	58.468	ug/l #	73
13) Acrolein	3.729	56	34253	186.623	ug/l	99
14) Allyl chloride	4.485	41	99914	48.331	ug/l #	88
15) Acrylonitrile	5.161	53	112340	226.523	ug/l	96
16) Acetone	3.948	43	77398	192.754	ug/l #	85
17) Carbon Disulfide	4.198	76	250601	52.336	ug/l	100
18) Methyl Acetate	4.478	43	46638	41.416	ug/l #	73
19) Methyl tert-butyl Ether	5.222	73	250522	49.990	ug/l	91
20) Methylene Chloride	4.716	84	126157	61.878	ug/l #	72
21) trans-1,2-Dichloroethene	5.222	96	103444	53.543	ug/l #	77
22) Diisopropyl ether	6.124	45	224788	45.027	ug/l #	85
23) Vinyl Acetate	6.064	43	750000	219.128	ug/l #	81
24) 1,1-Dichloroethane	6.021	63	153340	49.345	ug/l	96
25) 2-Butanone	6.984	43	126882	204.251	ug/l #	69
26) 2,2-Dichloropropane	6.984	77	147949	51.405	ug/l	91
27) cis-1,2-Dichloroethene	6.984	96	118954	53.828	ug/l	76
28) Bromochloromethane	7.338	49	57592	45.945	ug/l #	44
29) Tetrahydrofuran	7.350	42	85615	213.980	ug/l #	66
30) Chloroform	7.508	83	178485	52.281	ug/l	100
31) Cyclohexane	7.789	56	129326	45.633	ug/l #	78
32) 1,1,1-Trichloroethane	7.703	97	163832	54.805	ug/l #	92
36) 1,1-Dichloropropene	7.917	75	128697	53.829	ug/l	91
37) Ethyl Acetate	7.076	43	60602	45.833	ug/l #	87
38) Carbon Tetrachloride	7.899	117	152971	61.581	ug/l	99
39) Methylcyclohexane	9.185	83	173911	56.810	ug/l #	81
40) Benzene	8.161	78	379192	54.363	ug/l	96

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41) Methacrylonitrile	7.313	41	29123m	45.419	ug/l	
42) 1,2-Dichloroethane	8.240	62	105978	50.466	ug/l	86
43) Isopropyl Acetate	8.270	43	113791	46.793	ug/l #	80
44) Trichloroethene	8.941	130	119865	62.375	ug/l	96
45) 1,2-Dichloropropane	9.215	63	88127	52.613	ug/l	95
46) Dibromomethane	9.307	93	63099	53.770	ug/l	96
47) Bromodichloromethane	9.496	83	139436	55.973	ug/l	100
48) Methyl methacrylate	9.295	41	48585	46.989	ug/l #	68
49) 1,4-Dioxane	9.301	88	16641	1124.553	ug/l #	72
51) 4-Methyl-2-Pentanone	10.069	43	291173	227.612	ug/l #	81
52) Toluene	10.246	92	251812	54.590	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	142754	53.437	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	161248	54.468	ug/l #	80
55) 1,1,2-Trichloroethane	10.648	97	88025	54.958	ug/l	96
56) Ethyl methacrylate	10.508	69	110668	53.513	ug/l #	70
57) 1,3-Dichloropropane	10.794	76	137497	52.588	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	258998	228.513	ug/l #	81
59) 2-Hexanone	10.831	43	202315	229.819	ug/l	77
60) Dibromochloromethane	10.983	129	111950	60.837	ug/l	98
61) 1,2-Dibromoethane	11.087	107	90373	57.048	ug/l	99
64) Tetrachloroethene	10.721	164	105003	64.391	ug/l	96
65) Chlorobenzene	11.520	112	290213	58.368	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	112471	61.269	ug/l	98
67) Ethyl Benzene	11.593	91	482548	55.921	ug/l	95
68) m/p-Xylenes	11.703	106	392199	113.468	ug/l	88
69) o-Xylene	12.032	106	191085	57.423	ug/l	88
70) Styrene	12.044	104	320084	57.079	ug/l	93
71) Bromoform	12.209	173	75147	65.321	ug/l #	97
73) Isopropylbenzene	12.331	105	497091	58.090	ug/l	98
74) N-amyl acetate	12.148	43	98989	46.817	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.581	83	98742	51.644	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	59385m	40.657	ug/l	
77) Bromobenzene	12.611	156	127145	60.924	ug/l	82
78) n-propylbenzene	12.672	91	569695	55.503	ug/l	95
79) 2-Chlorotoluene	12.757	91	320381	55.459	ug/l	92
80) 1,3,5-Trimethylbenzene	12.812	105	407659	57.393	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.379	75	32175	51.103	ug/l #	78
82) 4-Chlorotoluene	12.855	91	322787	53.920	ug/l	91
83) tert-Butylbenzene	13.074	119	371084	60.182	ug/l	90
84) 1,2,4-Trimethylbenzene	13.123	105	406045	57.615	ug/l	96
85) sec-Butylbenzene	13.257	105	540542	58.089	ug/l	97
86) p-Isopropyltoluene	13.373	119	450196	57.769	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	241285	57.749	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	236905	57.239	ug/l	98
89) n-Butylbenzene	13.696	91	392423	55.480	ug/l	96
90) Hexachloroethane	13.965	117	88197	62.949	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	218521	58.819	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14707	51.184	ug/l #	47
93) 1,2,4-Trichlorobenzene	15.007	180	132495	64.070	ug/l	98
94) Hexachlorobutadiene	15.117	225	70590	69.960	ug/l	98
95) Naphthalene	15.239	128	288619	61.565	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	118077	65.234	ug/l	98

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

