

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020222\
 Data File : VY007353.D
 Acq On : 02 Feb 2022 14:08
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY020222

Quant Time: Feb 03 04:41:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/03/2022
 Supervised By : Mahesh Dadoda 02/07/2022

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	145091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	243217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	210144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	92457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	82045	49.161	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.320%		
35) Dibromofluoromethane	7.722	113	73255	46.905	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.800%		
50) Toluene-d8	10.179	98	265771	46.060	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.120%		
62) 4-Bromofluorobenzene	12.483	95	92054	46.938	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.880%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	84824	49.934	ug/l	96
3) Chloromethane	2.113	50	97925	52.845	ug/l	93
4) Vinyl Chloride	2.253	62	101646	50.743	ug/l	99
5) Bromomethane	2.656	94	69599	57.361	ug/l	97
6) Chloroethane	2.796	64	63187	51.362	ug/l	98
7) Trichlorofluoromethane	3.131	101	169203	52.125	ug/l	98
8) Diethyl Ether	3.534	74	48531	50.367	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.905	101	94043	51.440	ug/l	92
10) Methyl Iodide	4.094	142	100954	51.224	ug/l	95
11) Tert butyl alcohol	4.960	59	42957	217.907	ug/l #	91
12) 1,1-Dichloroethene	3.875	96	87358	51.730	ug/l	89
13) Acrolein	3.729	56	56977	254.142	ug/l	98
14) Allyl chloride	4.485	41	137376	52.963	ug/l #	95
15) Acrylonitrile	5.167	53	111519	246.343	ug/l	99
16) Acetone	3.942	43	154756	285.519	ug/l	100
17) Carbon Disulfide	4.198	76	274632	51.802	ug/l	99
18) Methyl Acetate	4.479	43	50189	49.438	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	240520	50.553	ug/l	96
20) Methylene Chloride	4.716	84	92233	52.626	ug/l	86
21) trans-1,2-Dichloroethene	5.222	96	95629	51.187	ug/l	90
22) Diisopropyl ether	6.125	45	274867	50.575	ug/l #	92
23) Vinyl Acetate	6.064	43	910267	256.813	ug/l #	94
24) 1,1-Dichloroethane	6.021	63	166813	50.821	ug/l	99
25) 2-Butanone	6.990	43	172337	263.166	ug/l #	89
26) 2,2-Dichloropropane	6.984	77	160766	51.186	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	105743	51.243	ug/l	91
28) Bromochloromethane	7.338	49	61874	48.209	ug/l	89
29) Tetrahydrofuran	7.350	42	94530	249.806	ug/l	88
30) Chloroform	7.508	83	174054	50.974	ug/l	98
31) Cyclohexane	7.789	56	160851	49.394	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	164298	51.772	ug/l	95
36) 1,1-Dichloropropene	7.923	75	140001	51.275	ug/l	99
37) Ethyl Acetate	7.076	43	66448	48.952	ug/l #	95
38) Carbon Tetrachloride	7.899	117	148829	51.883	ug/l	97
39) Methylcyclohexane	9.185	83	177310	51.710	ug/l	92
40) Benzene	8.161	78	373968	51.672	ug/l	97

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41) Methacrylonitrile	7.313	41	38394m	56.918	ug/l	
42) 1,2-Dichloroethane	8.240	62	112668	51.212	ug/l	95
43) Isopropyl Acetate	8.271	43	129486	51.008	ug/l #	93
44) Trichloroethene	8.941	130	100647	51.433	ug/l	88
45) 1,2-Dichloropropane	9.215	63	90305	50.603	ug/l	96
46) Dibromomethane	9.307	93	54401	51.238	ug/l	92
47) Bromodichloromethane	9.496	83	132049	51.431	ug/l	99
48) Methyl methacrylate	9.295	41	58140	50.643	ug/l #	89
49) 1,4-Dioxane	9.295	88	11628	999.811	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	323917	251.592	ug/l	92
52) Toluene	10.246	92	234241	51.369	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	139399	51.972	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	157314	52.363	ug/l #	89
55) 1,1,2-Trichloroethane	10.648	97	70129	50.292	ug/l	99
56) Ethyl methacrylate	10.508	69	100748	52.018	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	125403	50.722	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	254513	252.620	ug/l	96
59) 2-Hexanone	10.831	43	246688	262.819	ug/l	90
60) Dibromochloromethane	10.983	129	87909	50.639	ug/l	100
61) 1,2-Dibromoethane	11.087	107	69561	50.422	ug/l	100
64) Tetrachloroethene	10.721	164	83890	50.868	ug/l	93
65) Chlorobenzene	11.514	112	238892	51.102	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	91589	52.483	ug/l	97
67) Ethyl Benzene	11.593	91	463067	52.200	ug/l	99
68) m/p-Xylenes	11.703	106	343023	104.403	ug/l	100
69) o-Xylene	12.026	106	160081	51.533	ug/l	100
70) Styrene	12.044	104	272359	53.187	ug/l	98
71) Bromoform	12.209	173	49926	51.853	ug/l #	98
73) Isopropylbenzene	12.331	105	443316	52.464	ug/l	97
74) N-amyl acetate	12.142	43	109759	52.477	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	76249	49.413	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	57622m	52.425	ug/l	
77) Bromobenzene	12.605	156	91194	51.235	ug/l	98
78) n-propylbenzene	12.672	91	536564	52.426	ug/l	99
79) 2-Chlorotoluene	12.758	91	292164	51.559	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	365355	53.002	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	28795	52.485	ug/l	87
82) 4-Chlorotoluene	12.855	91	300899	51.700	ug/l	98
83) tert-Butylbenzene	13.075	119	311909	51.977	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	354588	52.245	ug/l	99
85) sec-Butylbenzene	13.251	105	468606	52.062	ug/l	99
86) p-Isopropyltoluene	13.367	119	386370	52.694	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	178147	51.622	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	177227	51.519	ug/l	98
89) n-Butylbenzene	13.696	91	375093	53.150	ug/l	99
90) Hexachloroethane	13.959	117	71670	51.722	ug/l	81
91) 1,2-Dichlorobenzene	13.739	146	158584	52.207	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12431	49.572	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	94083	52.301	ug/l	98
94) Hexachlorobutadiene	15.111	225	52934	53.156	ug/l	98
95) Naphthalene	15.233	128	201261	53.838	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	81691	53.798	ug/l	98

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

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