

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021422\
 Data File : VY007496.D
 Acq On : 14 Feb 2022 18:06
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY021422

Quant Time: Feb 15 13:54:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 09:34:50 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/21/2022
 Supervised By :Semsettin Yesilyurt 02/21/2022

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	121728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	199516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	175630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	67303	50.079	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.160%			
35) Dibromofluoromethane	7.722	113	66033	52.482	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.960%			
50) Toluene-d8	10.185	98	247030	51.693	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.380%			
62) 4-Bromofluorobenzene	12.483	95	82477	50.900	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	62824	46.654	ug/l	98
3) Chloromethane	2.119	50	61007	54.857	ug/l	99
4) Vinyl Chloride	2.253	62	66493	49.078	ug/l	100
5) Bromomethane	2.656	94	48624	61.673	ug/l	99
6) Chloroethane	2.802	64	43115	53.778	ug/l	95
7) Trichlorofluoromethane	3.131	101	128374	49.848	ug/l	95
8) Diethyl Ether	3.534	74	35873	48.198	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.912	101	69286	48.931	ug/l	96
10) Methyl Iodide	4.095	142	80464	46.032	ug/l	94
11) Tert butyl alcohol	4.954	59	26788	254.809	ug/l #	92
12) 1,1-Dichloroethene	3.881	96	64112	48.505	ug/l	83
13) Acrolein	3.735	56	20487	194.057	ug/l	96
14) Allyl chloride	4.491	41	87659	47.186	ug/l #	91
15) Acrylonitrile	5.168	53	78587	239.841	ug/l	99
16) Acetone	3.954	43	83896	235.291	ug/l	91
17) Carbon Disulfide	4.204	76	176806	46.441	ug/l	97
18) Methyl Acetate	4.485	43	33570	42.160	ug/l #	85
19) Methyl tert-butyl Ether	5.229	73	180887	49.345	ug/l	95
20) Methylene Chloride	4.723	84	68432	46.826	ug/l #	80
21) trans-1,2-Dichloroethene	5.229	96	69312	47.994	ug/l	88
22) Diisopropyl ether	6.125	45	182223	46.656	ug/l #	93
23) Vinyl Acetate	6.070	43	594116	238.432	ug/l #	89
24) 1,1-Dichloroethane	6.027	63	117395	48.093	ug/l	98
25) 2-Butanone	6.990	43	102938	233.165	ug/l #	82
26) 2,2-Dichloropropane	6.984	77	118269	48.353	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	78918	49.024	ug/l	86
28) Bromochloromethane	7.338	49	45213	48.328	ug/l #	71
29) Tetrahydrofuran	7.350	42	61520	237.461	ug/l #	81
30) Chloroform	7.515	83	130473	49.515	ug/l	98
31) Cyclohexane	7.789	56	103213	43.428	ug/l	90
32) 1,1,1-Trichloroethane	7.710	97	122359	48.761	ug/l	95
36) 1,1-Dichloropropene	7.923	75	96803	47.488	ug/l	97
37) Ethyl Acetate	7.082	43	43652	47.395	ug/l #	94
38) Carbon Tetrachloride	7.905	117	113511	49.005	ug/l	100
39) Methylcyclohexane	9.185	83	122872	46.427	ug/l	90
40) Benzene	8.167	78	269650	48.110	ug/l	97

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41) Methacrylonitrile	7.338	41	32304m	54.028	ug/l	
42) 1,2-Dichloroethane	8.240	62	83550	48.782	ug/l	94
43) Isopropyl Acetate	8.277	43	88003	47.044	ug/l #	89
44) Trichloroethene	8.941	130	78066	49.098	ug/l	99
45) 1,2-Dichloropropane	9.222	63	63437	47.601	ug/l	98
46) Dibromomethane	9.307	93	40856	49.369	ug/l	95
47) Bromodichloromethane	9.502	83	100093	49.805	ug/l	99
48) Methyl methacrylate	9.295	41	38219	46.104	ug/l #	81
49) 1,4-Dioxane	9.295	88	9757	1095.208	ug/l #	83
51) 4-Methyl-2-Pentanone	10.075	43	218254	234.928	ug/l	88
52) Toluene	10.246	92	173469	48.268	ug/l	98
53) t-1,3-Dichloropropene	10.472	75	103431	49.292	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	115600	49.371	ug/l #	84
55) 1,1,2-Trichloroethane	10.648	97	54307	49.477	ug/l	98
56) Ethyl methacrylate	10.514	69	74185	50.261	ug/l #	82
57) 1,3-Dichloropropane	10.795	76	93553	49.493	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.789	63	194023	252.276	ug/l	92
59) 2-Hexanone	10.837	43	157104	234.233	ug/l	87
60) Dibromochloromethane	10.990	129	69986	50.563	ug/l	99
61) 1,2-Dibromoethane	11.093	107	54564	49.858	ug/l	99
64) Tetrachloroethene	10.721	164	66274	47.849	ug/l	95
65) Chlorobenzene	11.520	112	188672	49.047	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	72959	50.219	ug/l	98
67) Ethyl Benzene	11.593	91	349727	48.577	ug/l	100
68) m/p-Xylenes	11.703	106	266740	97.899	ug/l	97
69) o-Xylene	12.032	106	126806	49.186	ug/l	97
70) Styrene	12.044	104	210500	49.659	ug/l	99
71) Bromoform	12.209	173	41014	51.256	ug/l #	99
73) Isopropylbenzene	12.331	105	342647	47.753	ug/l	99
74) N-amyl acetate	12.142	43	77916	47.965	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.587	83	59283	48.236	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	47957m	51.245	ug/l	
77) Bromobenzene	12.611	156	75237	48.829	ug/l	96
78) n-propylbenzene	12.672	91	412577	47.783	ug/l	100
79) 2-Chlorotoluene	12.758	91	225722	47.420	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	285103	47.969	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	21014	46.671	ug/l	91
82) 4-Chlorotoluene	12.855	91	231112	47.362	ug/l	99
83) tert-Butylbenzene	13.075	119	247589	47.662	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	279549	48.509	ug/l	100
85) sec-Butylbenzene	13.251	105	369936	48.311	ug/l	99
86) p-Isopropyltoluene	13.373	119	307775	48.796	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	147465	49.158	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	146756	49.304	ug/l	98
89) n-Butylbenzene	13.697	91	287772	47.978	ug/l	100
90) Hexachloroethane	13.965	117	58531	48.564	ug/l	83
91) 1,2-Dichlorobenzene	13.739	146	129567	49.042	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9771	46.827	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	79627	50.344	ug/l	98
94) Hexachlorobutadiene	15.111	225	45813	49.939	ug/l	99
95) Naphthalene	15.239	128	170221	49.398	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	69428	50.760	ug/l	98

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

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