

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070722\
 Data File : VY009475.D
 Acq On : 07 Jul 2022 18:16
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY070722

Quant Time: Jul 08 11:02:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Mahesh Dadoda 07/08/2022
 Supervised By : Semsettin Yesilyurt 07/08/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	182360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	292496	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	271461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	135120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	59860	46.093	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.180%		
35) Dibromofluoromethane	7.710	113	67488	43.851	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.700%		
50) Toluene-d8	10.173	98	202636	47.639	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	95.280%		
62) 4-Bromofluorobenzene	12.477	95	104432	48.071	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	96.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	69681	49.827	ug/l	100
3) Chloromethane	2.107	50	84308	53.985	ug/l	98
4) Vinyl Chloride	2.241	62	91634	51.537	ug/l	99
5) Bromomethane	2.643	94	61197	47.908	ug/l	97
6) Chloroethane	2.784	64	51401	49.515	ug/l	96
7) Trichlorofluoromethane	3.113	101	118066	49.735	ug/l	95
8) Diethyl Ether	3.521	74	48745	53.671	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.887	101	81237	50.508	ug/l	95
10) Methyl Iodide	4.076	142	109693	50.692	ug/l	90
11) Tert butyl alcohol	4.942	59	71950	310.087	ug/l	98
12) 1,1-Dichloroethene	3.863	96	80429	53.914	ug/l	86
13) Acrolein	3.716	56	34232	238.825	ug/l	96
14) Allyl chloride	4.466	41	146558	57.099	ug/l	92
15) Acrylonitrile	5.149	53	135170	270.482	ug/l	96
16) Acetone	3.936	43	137148	309.158	ug/l	94
17) Carbon Disulfide	4.180	76	257167	51.709	ug/l	100
18) Methyl Acetate	4.466	43	62085	47.666	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	242983	53.814	ug/l	100
20) Methylene Chloride	4.704	84	100958	47.863	ug/l	91
21) trans-1,2-Dichloroethene	5.204	96	96626	55.279	ug/l	92
22) Diisopropyl ether	6.106	45	308281	56.495	ug/l #	92
23) Vinyl Acetate	6.051	43	1027019	270.878	ug/l #	95
24) 1,1-Dichloroethane	6.003	63	168606	54.791	ug/l	98
25) 2-Butanone	6.978	43	197324	274.965	ug/l	91
26) 2,2-Dichloropropane	6.972	77	152844	50.395	ug/l	97
27) cis-1,2-Dichloroethene	6.972	96	110269	53.584	ug/l	90
28) Bromochloromethane	7.325	49	69151	53.466	ug/l #	87
29) Tetrahydrofuran	7.338	42	120298	259.172	ug/l	92
30) Chloroform	7.496	83	171352	50.878	ug/l	98
31) Cyclohexane	7.777	56	155919	52.115	ug/l	97
32) 1,1,1-Trichloroethane	7.691	97	150084	50.546	ug/l	97
36) 1,1-Dichloropropene	7.911	75	132893	53.039	ug/l	97
37) Ethyl Acetate	7.063	43	79489	50.611	ug/l #	95
38) Carbon Tetrachloride	7.892	117	135812	50.682	ug/l	100
39) Methylcyclohexane	9.179	83	166464	55.348	ug/l	90
40) Benzene	8.155	78	393570	53.492	ug/l	98

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41) Methacrylonitrile	7.301	41	38683m	47.432	ug/l	
42) 1,2-Dichloroethane	8.228	62	114338	51.762	ug/l	92
43) Isopropyl Acetate	8.264	43	152405	52.007	ug/l #	93
44) Trichloroethene	8.935	130	110233	53.035	ug/l	99
45) 1,2-Dichloropropane	9.209	63	98952	53.143	ug/l	95
46) Dibromomethane	9.301	93	57618	52.723	ug/l	98
47) Bromodichloromethane	9.490	83	134604	51.747	ug/l	98
48) Methyl methacrylate	9.289	41	70010	55.450	ug/l	90
49) 1,4-Dioxane	9.289	88	16295	1012.489	ug/l #	92
51) 4-Methyl-2-Pentanone	10.063	43	395481	256.620	ug/l	93
52) Toluene	10.240	92	256562	54.722	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	147701	53.883	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	164559	53.839	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	81363	51.607	ug/l	99
56) Ethyl methacrylate	10.502	69	116464	55.641	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	141128	54.300	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	273644	267.619	ug/l	96
59) 2-Hexanone	10.825	43	288475	270.135	ug/l	90
60) Dibromochloromethane	10.983	129	100438	52.608	ug/l	99
61) 1,2-Dibromoethane	11.087	107	82953	54.884	ug/l	100
64) Tetrachloroethene	10.715	164	119821	52.793	ug/l	97
65) Chlorobenzene	11.514	112	280009	52.520	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	103041	51.379	ug/l	97
67) Ethyl Benzene	11.587	91	491391	52.795	ug/l	98
68) m/p-Xylenes	11.697	106	387590	106.773	ug/l	93
69) o-Xylene	12.026	106	185850	53.414	ug/l	91
70) Styrene	12.038	104	312220	53.723	ug/l	96
71) Bromoform	12.203	173	67477	52.789	ug/l #	98
73) Isopropylbenzene	12.325	105	487515	52.757	ug/l	99
74) N-amyl acetate	12.142	43	133273	50.689	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	93788	50.689	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	65238m	45.610	ug/l	
77) Bromobenzene	12.605	156	119989	53.337	ug/l	93
78) n-propylbenzene	12.666	91	585769	52.469	ug/l	96
79) 2-Chlorotoluene	12.751	91	332166	53.144	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	411108	53.224	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	35493	50.786	ug/l	86
82) 4-Chlorotoluene	12.849	91	345545	52.753	ug/l	97
83) tert-Butylbenzene	13.068	119	361394	52.590	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	405856	52.790	ug/l	97
85) sec-Butylbenzene	13.251	105	534046	52.769	ug/l	99
86) p-Isopropyltoluene	13.367	119	445554	52.815	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	230941	52.006	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	231612	51.533	ug/l	99
89) n-Butylbenzene	13.696	91	419975	53.312	ug/l	98
90) Hexachloroethane	13.958	117	86395	52.195	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	210792	51.810	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	16335	50.369	ug/l	79
93) 1,2,4-Trichlorobenzene	15.001	180	133922	53.970	ug/l	99
94) Hexachlorobutadiene	15.111	225	71655	52.524	ug/l	99
95) Naphthalene	15.233	128	278878	54.357	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	115434	53.710	ug/l	98

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

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