

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071422\
 Data File : VX030073.D
 Acq On : 14 Jul 2022 20:05
 Operator : JC/MD
 Sample : N3214-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2022

Quant Time: Jul 15 06:42:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 15 06:39:43 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/15/2022
 Supervised By : Mahesh Dadoda 07/15/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	153350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	287092	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	251284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106703	50.000	ug/l	0.00

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 Dadoda

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107200	57.432	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.860%	
35) Dibromofluoromethane	5.391	113	95126	51.867	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.740%	
50) Toluene-d8	8.653	98	354864	51.446	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.900%	
62) 4-Bromofluorobenzene	11.085	95	116013	48.465	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.940%	

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Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	1215	0.747	ug/l	94
3) Chloromethane	1.288	50	1095	0.685	ug/l #	76
4) Vinyl Chloride	1.374	62	1369	0.771	ug/l	92
5) Bromomethane	1.605	94	832	1.103	ug/l #	67
6) Chloroethane	1.691	64	1051	1.052	ug/l	89
7) Trichlorofluoromethane	1.886	101	1791	0.781	ug/l	93
8) Diethyl Ether	2.136	74	941	0.992	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	1531	0.978	ug/l	94
10) Methyl Iodide	2.453	142	818	0.636	ug/l #	84
11) Tert butyl alcohol	2.983	59	2336	4.849	ug/l	96
12) 1,1-Dichloroethene	2.325	96	1267	0.811	ug/l	92
13) Acrolein	2.215	56	20m	0.208	ug/l	
14) Allyl chloride	2.666	41	2219	0.813	ug/l #	90
15) Acrylonitrile	3.075	53	4278	3.907	ug/l	87
16) Acetone	2.386	43	5135	5.838	ug/l	90
17) Carbon Disulfide	2.514	76	2248	0.572	ug/l	98
18) Methyl Acetate	2.709	43	3504	1.310	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	4206	0.852	ug/l	95
20) Methylene Chloride	2.794	84	2411	1.185	ug/l #	65
21) trans-1,2-Dichloroethene	3.099	96	1153	0.708	ug/l #	75
22) Diisopropyl ether	3.770	45	4672	0.874	ug/l	98
23) Vinyl Acetate	3.733	43	15804	3.493	ug/l	99
24) 1,1-Dichloroethane	3.617	63	2812	0.950	ug/l #	82
25) 2-Butanone	4.574	43	7193	4.801	ug/l #	77
27) cis-1,2-Dichloroethene	4.489	96	1541	0.773	ug/l	93
28) Bromochloromethane	4.904	49	1104	0.886	ug/l #	95
29) Tetrahydrofuran	5.032	42	4794	4.715	ug/l	96
30) Chloroform	5.093	83	2930	0.993	ug/l	97
31) Cyclohexane	5.471	56	1832	0.677	ug/l #	62
32) 1,1,1-Trichloroethane	5.391	97	2079	0.862	ug/l #	51
36) 1,1-Dichloropropene	5.702	75	2242	0.946	ug/l #	86
37) Ethyl Acetate	4.727	43	2685	0.882	ug/l #	69
38) Carbon Tetrachloride	5.678	117	1826	0.827	ug/l #	72
39) Methylcyclohexane	7.385	83	2013	0.670	ug/l #	70
40) Benzene	6.050	78	6160	0.826	ug/l #	85
41) Methacrylonitrile	4.934	41	1312m	0.800	ug/l	

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42) 1,2-Dichloroethane	6.105	62	2443	1.057	ug/l	84
43) Isopropyl Acetate	6.361	43	3616	0.790	ug/l	93
44) Trichloroethene	7.141	130	1915	0.879	ug/l	75
45) 1,2-Dichloropropane	7.440	63	1521	0.785	ug/l	94
46) Dibromomethane	7.592	93	997	0.747	ug/l	87
47) Bromodichloromethane	7.824	83	1994	0.824	ug/l #	69
48) Methyl methacrylate	7.708	41	1814	0.859	ug/l	95
49) 1,4-Dioxane	7.696	88	1055	19.226	ug/l #	82
51) 4-Methyl-2-Pentanone	8.580	43	12191	4.025	ug/l	100
52) Toluene	8.726	92	3455	0.730	ug/l	94
53) t-1,3-Dichloropropene	8.988	75	1818	0.723	ug/l	95
54) cis-1,3-Dichloropropene	8.372	75	1793	0.623	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	1709	0.875	ug/l	91
56) Ethyl methacrylate	9.122	69	2122	0.723	ug/l #	83
57) 1,3-Dichloropropane	9.317	76	2606	0.840	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	5498	3.449	ug/l	96
59) 2-Hexanone	9.433	43	9317	4.011	ug/l	92
60) Dibromochloromethane	9.531	129	1516	0.797	ug/l	98
61) 1,2-Dibromoethane	9.616	107	1566	0.771	ug/l	98
64) Tetrachloroethene	9.281	164	3096	1.535	ug/l	94
65) Chlorobenzene	10.079	112	3953	0.790	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.159	131	1238	0.726	ug/l #	60
67) Ethyl Benzene	10.195	91	6117	0.721	ug/l	95
68) m/p-Xylenes	10.305	106	4808	1.445	ug/l	99
69) o-Xylene	10.646	106	2614	0.785	ug/l	86
70) Styrene	10.659	104	3992	0.722	ug/l	90
71) Bromoform	10.805	173	937	0.684	ug/l #	89
73) Isopropylbenzene	10.963	105	5966	0.803	ug/l	97
74) N-amyl acetate	10.848	43	1966	0.602	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.219	83	2524	0.942	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	2142m	0.873	ug/l	
77) Bromobenzene	11.201	156	1731	0.931	ug/l	88
78) n-propylbenzene	11.305	91	7006	0.795	ug/l	97
79) 2-Chlorotoluene	11.366	91	4294	0.813	ug/l	89
80) 1,3,5-Trimethylbenzene	11.451	105	4491	0.717	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	383m	0.451	ug/l	
82) 4-Chlorotoluene	11.457	91	4810	0.813	ug/l	99
83) tert-Butylbenzene	11.719	119	4679	0.779	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	4569	0.738	ug/l	94
85) sec-Butylbenzene	11.890	105	5607	0.706	ug/l	93
86) p-Isopropyltoluene	12.012	119	4343	0.682	ug/l	90
87) 1,3-Dichlorobenzene	11.969	146	2946	0.858	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	2934	0.832	ug/l	78
89) n-Butylbenzene	12.335	91	3777	0.662	ug/l	97
90) Hexachloroethane	12.549	117	787	0.723	ug/l	97
91) 1,2-Dichlorobenzene	12.341	146	2565	0.735	ug/l	87
92) 1,2-Dibromo-3-Chloropr...	12.957	75	544	0.889	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	1565	0.730	ug/l	90
94) Hexachlorobutadiene	13.731	225	514	0.601	ug/l	76
95) Naphthalene	13.780	128	6123	0.720	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	1640	0.752	ug/l	96

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

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

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 Supervised By :Mahesh
 Dadoda

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