

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071222\
 Data File : VX030024.D
 Acq On : 12 Jul 2022 17:04
 Operator : JC/MD
 Sample : N3214-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2022

Quant Time: Jul 13 09:26:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:24:02 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/13/2022
 Supervised By : Mahesh Dadoda 07/13/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	187991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	333728	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	290828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	118604	51.833	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.660%			
35) Dibromofluoromethane	5.391	113	108074	50.692	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.380%			
50) Toluene-d8	8.653	98	408032	50.888	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.780%			
62) 4-Bromofluorobenzene	11.085	95	137203	49.308	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1675	0.840	ug/l	99
3) Chloromethane	1.288	50	1806	0.922	ug/l #	88
4) Vinyl Chloride	1.374	62	1922	0.883	ug/l	91
5) Bromomethane	1.605	94	1035	1.120	ug/l	89
6) Chloroethane	1.691	64	1277	1.042	ug/l	97
7) Trichlorofluoromethane	1.892	101	2796	0.995	ug/l	85
8) Diethyl Ether	2.136	74	1245	1.071	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	1681	0.876	ug/l	89
10) Methyl Iodide	2.453	142	1015	0.644	ug/l	92
11) Tert butyl alcohol	2.971	59	4614	7.813	ug/l #	87
12) 1,1-Dichloroethene	2.319	96	1877	0.980	ug/l #	80
13) Acrolein	2.245	56	906	7.703	ug/l	94
14) Allyl chloride	2.666	41	3062	0.915	ug/l	94
15) Acrylonitrile	3.075	53	6544	4.876	ug/l	96
16) Acetone	2.386	43	6125	5.681	ug/l #	85
17) Carbon Disulfide	2.514	76	3892	0.808	ug/l	95
18) Methyl Acetate	2.709	43	3702	1.129	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	5484	0.906	ug/l	94
20) Methylene Chloride	2.788	84	2478	0.993	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	1834	0.919	ug/l #	73
22) Diisopropyl ether	3.770	45	6282	0.959	ug/l #	92
23) Vinyl Acetate	3.733	43	24158	4.356	ug/l	97
24) 1,1-Dichloroethane	3.611	63	3489	0.961	ug/l	99
25) 2-Butanone	4.580	43	9152	4.983	ug/l	93
26) 2,2-Dichloropropane	4.483	77	2213	0.868	ug/l	90
27) cis-1,2-Dichloroethene	4.507	96	2305	0.943	ug/l	91
28) Bromochloromethane	4.910	49	1761	1.153	ug/l #	100
29) Tetrahydrofuran	5.032	42	6687	5.365	ug/l	96
30) Chloroform	5.105	83	3507	0.969	ug/l	85
31) Cyclohexane	5.483	56	2530	0.763	ug/l #	83
32) 1,1,1-Trichloroethane	5.385	97	2574	0.870	ug/l #	49
36) 1,1-Dichloropropene	5.696	75	2420	0.879	ug/l	98
37) Ethyl Acetate	4.733	43	3863	1.092	ug/l #	88
38) Carbon Tetrachloride	5.684	117	2288	0.891	ug/l	96
39) Methylcyclohexane	7.379	83	2613	0.748	ug/l #	87
40) Benzene	6.044	78	8127	0.938	ug/l	98

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41) Methacrylonitrile	4.946	41	2024	1.062	ug/l #	48
42) 1,2-Dichloroethane	6.098	62	2773	1.032	ug/l	90
43) Isopropyl Acetate	6.354	43	5298	0.996	ug/l	96
44) Trichloroethene	7.135	130	2738	1.081	ug/l	91
45) 1,2-Dichloropropane	7.434	63	2063	0.916	ug/l #	71
46) Dibromomethane	7.592	93	1506	0.971	ug/l	96
47) Bromodichloromethane	7.830	83	2551	0.907	ug/l #	87
48) Methyl methacrylate	7.696	41	2234	0.910	ug/l	96
49) 1,4-Dioxane	7.683	88	1210	18.969	ug/l #	78
51) 4-Methyl-2-Pentanone	8.580	43	15897	4.515	ug/l	98
52) Toluene	8.726	92	5182	0.941	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	2512	0.859	ug/l #	74
54) cis-1,3-Dichloropropene	8.372	75	2828	0.845	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	2118	0.933	ug/l #	85
56) Ethyl methacrylate	9.122	69	2998	0.879	ug/l	92
57) 1,3-Dichloropropane	9.311	76	3665	1.016	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	9700	5.235	ug/l	99
59) 2-Hexanone	9.439	43	12781	4.733	ug/l	94
60) Dibromochloromethane	9.525	129	1945	0.880	ug/l	96
61) 1,2-Dibromoethane	9.616	107	2271	0.961	ug/l	100
64) Tetrachloroethene	9.275	164	2326	0.996	ug/l #	79
65) Chlorobenzene	10.079	112	5186	0.895	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	2033	1.030	ug/l #	61
67) Ethyl Benzene	10.195	91	8805	0.897	ug/l	97
68) m/p-Xylenes	10.305	106	6617	1.719	ug/l	93
69) o-Xylene	10.646	106	3548	0.920	ug/l	99
70) Styrene	10.659	104	5586	0.873	ug/l	97
71) Bromoform	10.805	173	1467	0.925	ug/l #	99
73) Isopropylbenzene	10.963	105	8195	0.902	ug/l	99
74) N-amyl acetate	10.848	43	3824	0.958	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	3163	0.964	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	3060m	1.019	ug/l	
77) Bromobenzene	11.201	156	2040	0.897	ug/l	85
78) n-propylbenzene	11.305	91	9407	0.872	ug/l	99
79) 2-Chlorotoluene	11.366	91	6074	0.940	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	6896	0.900	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	802m	0.771	ug/l	
82) 4-Chlorotoluene	11.457	91	6616	0.914	ug/l	88
83) tert-Butylbenzene	11.719	119	6717	0.914	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	6640	0.876	ug/l	94
85) sec-Butylbenzene	11.890	105	8283	0.853	ug/l	99
86) p-Isopropyltoluene	12.012	119	6859	0.880	ug/l	89
87) 1,3-Dichlorobenzene	11.975	146	3838	0.913	ug/l	90
88) 1,4-Dichlorobenzene	12.042	146	4347m	1.008	ug/l	
89) n-Butylbenzene	12.335	91	5637	0.808	ug/l	93
90) Hexachloroethane	12.536	117	1097	0.824	ug/l	79
91) 1,2-Dichlorobenzene	12.335	146	4155	0.973	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.951	75	699	0.933	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	2775	1.058	ug/l	89
94) Hexachlorobutadiene	13.731	225	1111	1.061	ug/l	91
95) Naphthalene	13.780	128	10156	0.976	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	2541	0.952	ug/l	98

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

