

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071222\
 Data File : VX030025.D
 Acq On : 12 Jul 2022 17:28
 Operator : JC/MD
 Sample : N3214-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Jul 13 09:26:22 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	185992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	327400	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	284073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	111180	49.111	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.220%		
35) Dibromofluoromethane	5.397	113	99434	47.541	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.080%		
50) Toluene-d8	8.653	98	382933	48.681	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.360%		
62) 4-Bromofluorobenzene	11.085	95	130509	47.809	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.620%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	7938	4.023	ug/l	97
3) Chloromethane	1.288	50	7460	3.849	ug/l	95
4) Vinyl Chloride	1.373	62	8886	4.128	ug/l	92
5) Bromomethane	1.605	94	3742	4.092	ug/l	95
6) Chloroethane	1.678	64	5491	4.530	ug/l #	88
7) Trichlorofluoromethane	1.885	101	14042	5.051	ug/l	98
8) Diethyl Ether	2.135	74	5470	4.756	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.330	101	9090	4.789	ug/l	94
10) Methyl Iodide	2.452	142	4250	2.724	ug/l #	89
11) Tert butyl alcohol	2.989	59	19221	32.897	ug/l	96
12) 1,1-Dichloroethene	2.318	96	8368	4.416	ug/l	95
13) Acrolein	2.239	56	3628	31.177	ug/l	97
14) Allyl chloride	2.666	41	15785	4.767	ug/l	98
15) Acrylonitrile	3.068	53	36105	27.190	ug/l	99
16) Acetone	2.385	43	29376	27.538	ug/l	95
17) Carbon Disulfide	2.507	76	16164	3.391	ug/l	97
18) Methyl Acetate	2.708	43	18419	5.676	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	31336	5.231	ug/l	98
20) Methylene Chloride	2.794	84	12065	4.889	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	9410	4.764	ug/l	91
22) Diisopropyl ether	3.769	45	33880	5.227	ug/l	90
23) Vinyl Acetate	3.727	43	135194	24.637	ug/l	99
24) 1,1-Dichloroethane	3.617	63	18777	5.228	ug/l	94
25) 2-Butanone	4.568	43	49526	27.255	ug/l	91
26) 2,2-Dichloropropane	4.483	77	11422	4.527	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	12404	5.128	ug/l	92
28) Bromochloromethane	4.903	49	8087	5.352	ug/l	97
29) Tetrahydrofuran	5.019	42	33021	26.777	ug/l	99
30) Chloroform	5.098	83	18264	5.102	ug/l	95
31) Cyclohexane	5.476	56	14479	4.412	ug/l #	89
32) 1,1,1-Trichloroethane	5.385	97	14832	5.070	ug/l	99
36) 1,1-Dichloropropene	5.696	75	12956	4.796	ug/l	98
37) Ethyl Acetate	4.726	43	17770	5.119	ug/l #	95
38) Carbon Tetrachloride	5.684	117	12341	4.898	ug/l	90
39) Methylcyclohexane	7.384	83	15260	4.456	ug/l	99
40) Benzene	6.043	78	42516	5.000	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	9545	5.106	ug/l	94
42) 1,2-Dichloroethane	6.098	62	13333	5.059	ug/l	97
43) Isopropyl Acetate	6.354	43	28398	5.440	ug/l	99
44) Trichloroethene	7.128	130	11999	4.829	ug/l	92
45) 1,2-Dichloropropane	7.439	63	11460	5.185	ug/l	95
46) Dibromomethane	7.586	93	7655	5.032	ug/l	100
47) Bromodichloromethane	7.823	83	14213	5.149	ug/l	95
48) Methyl methacrylate	7.695	41	12058	5.006	ug/l	94
49) 1,4-Dioxane	7.677	88	6600	105.468	ug/l	96
51) 4-Methyl-2-Pentanone	8.579	43	93187	26.977	ug/l	99
52) Toluene	8.726	92	26047	4.824	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	13034	4.546	ug/l	92
54) cis-1,3-Dichloropropene	8.372	75	15300	4.658	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	11835	5.315	ug/l	96
56) Ethyl methacrylate	9.122	69	17005	5.079	ug/l	98
57) 1,3-Dichloropropane	9.311	76	18228	5.153	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	45621	25.096	ug/l	100
59) 2-Hexanone	9.433	43	70220	26.508	ug/l	99
60) Dibromochloromethane	9.524	129	11388	5.250	ug/l	96
61) 1,2-Dibromoethane	9.616	107	11178	4.823	ug/l	100
64) Tetrachloroethene	9.274	164	11225	4.922	ug/l	95
65) Chlorobenzene	10.085	112	28407	5.022	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.164	131	9857	5.111	ug/l	98
67) Ethyl Benzene	10.195	91	49899	5.205	ug/l	97
68) m/p-Xylenes	10.305	106	37491	9.970	ug/l	99
69) o-Xylene	10.646	106	18877	5.014	ug/l	99
70) Styrene	10.658	104	31394	5.024	ug/l	98
71) Bromoform	10.805	173	7503	4.843	ug/l #	98
73) Isopropylbenzene	10.963	105	48027	5.285	ug/l	96
74) N-amyl acetate	10.847	43	19439	4.870	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	18347	5.596	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	16225m	5.407	ug/l	
77) Bromobenzene	11.201	156	12058	5.303	ug/l	96
78) n-propylbenzene	11.305	91	55733	5.170	ug/l	99
79) 2-Chlorotoluene	11.365	91	33698	5.219	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	39572	5.168	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.024	75	4368	4.201	ug/l #	85
82) 4-Chlorotoluene	11.457	91	39050	5.397	ug/l	99
83) tert-Butylbenzene	11.719	119	38278	5.213	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	39015	5.151	ug/l	99
85) sec-Butylbenzene	11.890	105	49542	5.103	ug/l	99
86) p-Isopropyltoluene	12.012	119	39898	5.123	ug/l	99
87) 1,3-Dichlorobenzene	11.975	146	22361	5.323	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	23136	5.367	ug/l	97
89) n-Butylbenzene	12.335	91	35465	5.082	ug/l	99
90) Hexachloroethane	12.542	117	6642	4.989	ug/l	96
91) 1,2-Dichlorobenzene	12.341	146	22218	5.206	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.944	75	3952	5.279	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	13267	5.061	ug/l	97
94) Hexachlorobutadiene	13.725	225	5027	4.803	ug/l	96
95) Naphthalene	13.780	128	54137	5.203	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	14205	5.325	ug/l	97

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

