

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071222\
 Data File : VX030020.D
 Acq On : 12 Jul 2022 15:30
 Operator : JC/MD
 Sample : N3214-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022

Quant Time: Jul 13 09:25:02 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

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

Internal Standards						07/13/2022
1) Pentafluorobenzene	5.556	168	217235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	369157	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	322282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144644	50.000	ug/l	0.00
System Monitoring Compounds						07/13/2022
33) 1,2-Dichloroethane-d4	5.958	65	142429	53.866	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.740%	
35) Dibromofluoromethane	5.385	113	129810	55.044	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.080%	
50) Toluene-d8	8.653	98	493359	55.624	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.240%	
62) 4-Bromofluorobenzene	11.079	95	168742	54.823	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.640%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	563	0.244	ug/l	100
3) Chloromethane	1.288	50	681	0.301	ug/l #	87
4) Vinyl Chloride	1.374	62	646	0.257	ug/l #	73
5) Bromomethane	1.605	94	703	0.658	ug/l #	72
6) Chloroethane	1.691	64	538	0.380	ug/l #	81
7) Trichlorofluoromethane	1.886	101	784	0.241	ug/l	93
8) Diethyl Ether	2.136	74	465	0.346	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	719	0.324	ug/l	92
10) Methyl Iodide	2.453	142	556	0.305	ug/l #	83
11) Tert butyl alcohol	2.953	59	3246m	4.757	ug/l	
12) 1,1-Dichloroethene	2.313	96	707	0.319	ug/l #	86
13) Acrolein	2.227	56	355	2.612	ug/l #	71
14) Allyl chloride	2.660	41	1303	0.337	ug/l	95
15) Acrylonitrile	3.075	53	2338	1.507	ug/l	94
16) Acetone	2.392	43	2608	2.093	ug/l #	83
17) Carbon Disulfide	2.508	76	2607	0.468	ug/l	99
18) Methyl Acetate	2.703	43	1257	0.332	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	1694	0.242	ug/l	95
20) Methylene Chloride	2.794	84	1415	0.491	ug/l #	80
21) trans-1,2-Dichloroethene	3.087	96	776	0.336	ug/l	83
22) Diisopropyl ether	3.770	45	2191	0.289	ug/l #	79
23) Vinyl Acetate	3.733	43	7756	1.210	ug/l	100
24) 1,1-Dichloroethane	3.599	63	1169	0.279	ug/l #	87
25) 2-Butanone	4.568	43	3505m	1.651	ug/l	
26) 2,2-Dichloropropane	4.483	77	1014	0.344	ug/l #	65
27) cis-1,2-Dichloroethene	4.501	96	890	0.315	ug/l	91
28) Bromochloromethane	4.898	49	438	0.248	ug/l #	94
29) Tetrahydrofuran	5.019	42	1903	1.321	ug/l	91
30) Chloroform	5.111	83	1108	0.265	ug/l	90
31) Cyclohexane	5.483	56	843	0.220	ug/l #	89
32) 1,1,1-Trichloroethane	5.391	97	918	0.269	ug/l #	49
36) 1,1-Dichloropropene	5.684	75	1191	0.391	ug/l #	40
37) Ethyl Acetate	4.745	43	1384	0.354	ug/l #	69
38) Carbon Tetrachloride	5.684	117	914	0.322	ug/l #	70
39) Methylcyclohexane	7.379	83	1045	0.271	ug/l #	87
40) Benzene	6.044	78	2516	0.262	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	4.928	41	644	0.306	ug/l #	57	07/13/2022
42) 1,2-Dichloroethane	6.099	62	1077	0.362	ug/l	78	Supervised By :Mahesh
43) Isopropyl Acetate	6.348	43	1718	0.292	ug/l #	92	Dadoda
44) Trichloroethene	7.123	130	1405	0.501	ug/l	85	
45) 1,2-Dichloropropane	7.434	63	583	0.234	ug/l #	88	
46) Dibromomethane	7.604	93	600	0.350	ug/l #	52	
47) Bromodichloromethane	7.824	83	849	0.273	ug/l #	66	07/13/2022
48) Methyl methacrylate	7.708	41	839	0.309	ug/l #	62	
49) 1,4-Dioxane	7.696	88	447m	6.335	ug/l		
51) 4-Methyl-2-Pentanone	8.580	43	4923	1.264	ug/l	87	
52) Toluene	8.720	92	1930	0.317	ug/l	88	
53) t-1,3-Dichloropropene	8.988	75	879	0.272	ug/l	100	
54) cis-1,3-Dichloropropene	8.373	75	1215	0.328	ug/l	94	
55) 1,1,2-Trichloroethane	9.153	97	746	0.297	ug/l #	90	
56) Ethyl methacrylate	9.122	69	883	0.234	ug/l #	73	
57) 1,3-Dichloropropane	9.311	76	911	0.228	ug/l #	70	
58) 2-Chloroethyl Vinyl ether	8.251	63	4123	2.011	ug/l	99	
59) 2-Hexanone	9.439	43	4035	1.351	ug/l	89	
60) Dibromochloromethane	9.525	129	644	0.263	ug/l	99	
61) 1,2-Dibromoethane	9.610	107	684	0.262	ug/l	90	
64) Tetrachloroethene	9.281	164	852	0.329	ug/l #	81	
65) Chlorobenzene	10.086	112	2273	0.354	ug/l #	82	
66) 1,1,1,2-Tetrachloroethane	10.165	131	669	0.306	ug/l #	54	
67) Ethyl Benzene	10.195	91	2976	0.274	ug/l	89	
68) m/p-Xylenes	10.305	106	2355	0.552	ug/l	97	
69) o-Xylene	10.646	106	1182	0.277	ug/l	91	
70) Styrene	10.653	104	1884	0.266	ug/l	97	
71) Bromoform	10.799	173	492	0.280	ug/l #	99	
73) Isopropylbenzene	10.964	105	2604	0.259	ug/l	100	
74) N-amyl acetate	10.848	43	1073	0.243	ug/l #	95	
75) 1,1,2,2-Tetrachloroethane	11.213	83	1252	0.345	ug/l #	84	
76) 1,2,3-Trichloropropane	11.244	75	990m	0.298	ug/l		
77) Bromobenzene	11.201	156	855	0.339	ug/l	96	
78) n-propylbenzene	11.305	91	3027	0.253	ug/l	89	
79) 2-Chlorotoluene	11.366	91	2164	0.302	ug/l	95	
80) 1,3,5-Trimethylbenzene	11.457	105	2266	0.267	ug/l	96	
81) trans-1,4-Dichloro-2-b...	11.024	75	350m	0.304	ug/l		
82) 4-Chlorotoluene	11.457	91	2697	0.336	ug/l	99	
83) tert-Butylbenzene	11.719	119	2264	0.278	ug/l	96	
84) 1,2,4-Trimethylbenzene	11.756	105	2273	0.271	ug/l	91	
85) sec-Butylbenzene	11.896	105	3033	0.282	ug/l	98	
86) p-Isopropyltoluene	12.012	119	2391	0.277	ug/l #	83	
87) 1,3-Dichlorobenzene	11.976	146	1744	0.375	ug/l	94	
88) 1,4-Dichlorobenzene	12.049	146	2154m	0.451	ug/l		
89) n-Butylbenzene	12.335	91	2357	0.305	ug/l	90	
90) Hexachloroethane	12.536	117	392	0.266	ug/l	66	
91) 1,2-Dichlorobenzene	12.341	146	1615	0.341	ug/l	96	
92) 1,2-Dibromo-3-Chloropr...	12.951	75	304	0.366	ug/l #	47	
93) 1,2,4-Trichlorobenzene	13.591	180	1012	0.348	ug/l	83	
94) Hexachlorobutadiene	13.731	225	387	0.334	ug/l	68	
95) Naphthalene	13.780	128	4447	0.386	ug/l	99	
96) 1,2,3-Trichlorobenzene	13.969	180	1053	0.356	ug/l	97	

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

07/13/2022
Supervised By :Mahesh
Dadoda

07/13/2022

