Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051823\
Data File : VX035743.D
Acq On : 18 May 2023 15:33
Operator : JC/MD
Sample : 02213-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 19 06:25:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Fri May 19 06:25:15 2023
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

Manual Integrations APPROVED

Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	198851	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	354899	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	309799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	182825	52.702	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.400%			
35) Dibromofluoromethane	5.385	113	120038	50.153	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.300%			
50) Toluene-d8	8.647	98	444185	50.236	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.480%			
62) 4-Bromofluorobenzene	11.079	95	178809	50.225	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.460%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	10870	4.194	ug/l	97
3) Chloromethane	1.294	50	12704	4.039	ug/l	100
4) Vinyl Chloride	1.374	62	11578	4.338	ug/l	98
5) Bromomethane	1.618	94	7812	5.404	ug/l	90
6) Chloroethane	1.691	64	7416	4.580	ug/l	98
7) Trichlorofluoromethane	1.886	101	17551	4.472	ug/l	99
8) Diethyl Ether	2.130	74	7354	4.867	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	10591	4.545	ug/l	96
10) Methyl Iodide	2.453	142	9012	4.325	ug/l	90
11) Tert butyl alcohol	3.032	59	14149m	23.118	ug/l	
12) 1,1-Dichloroethene	2.319	96	9403	4.246	ug/l	85
13) Acrolein	2.239	56	9033	12.435	ug/l	99
14) Allyl chloride	2.666	41	19461	4.102	ug/l	91
15) Acrylonitrile	3.069	53	30751	22.817	ug/l	95
16) Acetone	2.398	43	36930	24.769	ug/l #	88
17) Carbon Disulfide	2.514	76	18274	3.419	ug/l	99
18) Methyl Acetate	2.709	43	23633	4.298	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	38992	4.425	ug/l	91
20) Methylene Chloride	2.788	84	12690	4.696	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	10664	4.395	ug/l	97
22) Diisopropyl ether	3.764	45	41545	4.473	ug/l	94
23) Vinyl Acetate	3.721	43	140771	21.419	ug/l	97
24) 1,1-Dichloroethane	3.605	63	21940	4.416	ug/l	95
25) 2-Butanone	4.574	43	48080	23.295	ug/l	99
26) 2,2-Dichloropropane	4.471	77	16743	3.980	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	12897	4.421	ug/l	95
28) Bromochloromethane	4.897	49	11667	5.221	ug/l	95
29) Tetrahydrofuran	5.019	42	29230	22.532	ug/l	100
30) Chloroform	5.093	83	23281	4.573	ug/l	99
31) Cyclohexane	5.471	56	19291	4.401	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	18597	4.199	ug/l	97
36) 1,1-Dichloropropene	5.690	75	16317	4.319	ug/l	97
37) Ethyl Acetate	4.715	43	18890	4.794	ug/l	98
38) Carbon Tetrachloride	5.684	117	14462	4.041	ug/l #	84
39) Methylcyclohexane	7.379	83	19552	4.397	ug/l	92
40) Benzene	6.038	78	47267	4.472	ug/l	94

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41) Methacrylonitrile	4.922	41	10417	4.452	ug/l		95
42) 1,2-Dichloroethane	6.086	62	21018	4.623	ug/l		97
43) Isopropyl Acetate	6.336	43	29837	4.342	ug/l		99
44) Trichloroethene	7.123	130	11657	4.350	ug/l		98
45) 1,2-Dichloropropane	7.434	63	12289	4.390	ug/l		97
46) Dibromomethane	7.580	93	8060	4.207	ug/l		95
47) Bromodichloromethane	7.824	83	14040	3.791	ug/l		99
48) Methyl methacrylate	7.696	41	14627	4.313	ug/l		92
49) 1,4-Dioxane	7.745	88	6394m	87.752	ug/l		
51) 4-Methyl-2-Pentanone	8.574	43	91537	23.123	ug/l		98
52) Toluene	8.720	92	30481	4.569	ug/l		96
53) t-1,3-Dichloropropene	8.976	75	12950	3.219	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	16270	3.774	ug/l		94
55) 1,1,2-Trichloroethane	9.153	97	11739	4.480	ug/l		95
56) Ethyl methacrylate	9.116	69	16816	3.963	ug/l		92
57) 1,3-Dichloropropane	9.305	76	20980	4.417	ug/l		96
58) 2-Chloroethyl Vinyl ether	8.244	63	23689	10.974	ug/l		100
59) 2-Hexanone	9.433	43	69144	23.193	ug/l		98
60) Dibromochloromethane	9.519	129	8590	3.439	ug/l		96
61) 1,2-Dibromoethane	9.610	107	11318	4.100	ug/l		98
64) Tetrachloroethene	9.275	164	9398	4.506	ug/l		93
65) Chlorobenzene	10.079	112	31406	4.644	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.165	131	9503	3.974	ug/l		98
67) Ethyl Benzene	10.195	91	56822	4.468	ug/l		96
68) m/p-Xylenes	10.299	106	42293	8.996	ug/l		96
69) o-Xylene	10.640	106	20889	4.478	ug/l		96
70) Styrene	10.653	104	31990	4.255	ug/l		98
71) Bromoform	10.799	173	4904	3.117	ug/l	#	99
73) Isopropylbenzene	10.963	105	53584	4.437	ug/l		98
74) N-amyl acetate	10.842	43	22533	4.001	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.213	83	17626	4.499	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	16962m	4.838	ug/l		
77) Bromobenzene	11.195	156	12434	4.536	ug/l		93
78) n-propylbenzene	11.305	91	62554	4.406	ug/l		97
79) 2-Chlorotoluene	11.366	91	39704	4.467	ug/l		97
80) 1,3,5-Trimethylbenzene	11.451	105	46684	4.548	ug/l		97
81) trans-1,4-Dichloro-2-b...	11.018	75	2983	2.742	ug/l	#	56
82) 4-Chlorotoluene	11.457	91	45862	4.480	ug/l		97
83) tert-Butylbenzene	11.713	119	42067	4.216	ug/l		93
84) 1,2,4-Trimethylbenzene	11.750	105	45714	4.435	ug/l		96
85) sec-Butylbenzene	11.890	105	54815	4.375	ug/l		99
86) p-Isopropyltoluene	12.006	119	44705	4.340	ug/l		97
87) 1,3-Dichlorobenzene	11.969	146	22785	4.375	ug/l		98
88) 1,4-Dichlorobenzene	12.043	146	24329	4.627	ug/l		92
89) n-Butylbenzene	12.329	91	39162	4.180	ug/l		98
90) Hexachloroethane	12.536	117	5455	3.494	ug/l		96
91) 1,2-Dichlorobenzene	12.335	146	22928	4.496	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	3036	3.480	ug/l		92
93) 1,2,4-Trichlorobenzene	13.591	180	13566	4.418	ug/l		96
94) Hexachlorobutadiene	13.725	225	5494	4.508	ug/l		94
95) Naphthalene	13.774	128	44874	4.268	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	12925	4.280	ug/l		98

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

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