Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051823\
Data File : VX035747.D
Acq On : 18 May 2023 17:09
Operator : JC/MD
Sample : 02213-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 19 06:27:06 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 :
MDL-WATER-03-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	5.556	168	191472	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	341287	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	295940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	178471	53.430	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.860%			
35) Dibromofluoromethane	5.385	113	116712	50.708	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.420%			
50) Toluene-d8	8.647	98	433602	50.995	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.000%			
62) 4-Bromofluorobenzene	11.079	95	171821	50.187	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.380%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	5877	2.355	ug/l	98
3) Chloromethane	1.294	50	6618	2.185	ug/l	93
4) Vinyl Chloride	1.374	62	6636	2.582	ug/l	99
5) Bromomethane	1.617	94	4245	3.050	ug/l	94
6) Chloroethane	1.691	64	4109	2.636	ug/l	92
7) Trichlorofluoromethane	1.886	101	9846	2.606	ug/l	94
8) Diethyl Ether	2.130	74	3728	2.562	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	5770	2.572	ug/l	95
10) Methyl Iodide	2.453	142	5041	2.512	ug/l	95
11) Tert butyl alcohol	3.014	59	7216m	12.245	ug/l	
12) 1,1-Dichloroethene	2.319	96	5044	2.366	ug/l #	82
13) Acrolein	2.239	56	7019	10.035	ug/l	99
14) Allyl chloride	2.660	41	9730	2.130	ug/l	93
15) Acrylonitrile	3.068	53	16555	12.757	ug/l	97
16) Acetone	2.398	43	17883	12.456	ug/l	95
17) Carbon Disulfide	2.514	76	10028	1.949	ug/l	96
18) Methyl Acetate	2.709	43	12795	2.417	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	20234	2.385	ug/l	91
20) Methylene Chloride	2.788	84	7065	2.715	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	5658	2.422	ug/l #	84
22) Diisopropyl ether	3.763	45	21640	2.419	ug/l	92
23) Vinyl Acetate	3.727	43	70598	11.156	ug/l	96
24) 1,1-Dichloroethane	3.611	63	11148	2.331	ug/l	98
25) 2-Butanone	4.574	43	25542	12.852	ug/l	98
26) 2,2-Dichloropropane	4.477	77	8724	2.154	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	6998	2.491	ug/l	99
28) Bromochloromethane	4.904	49	5550	2.580	ug/l #	92
29) Tetrahydrofuran	5.032	42	15662	12.538	ug/l	99
30) Chloroform	5.092	83	11642	2.375	ug/l	100
31) Cyclohexane	5.477	56	10113	2.396	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	10018	2.349	ug/l	99
36) 1,1-Dichloropropene	5.690	75	8548	2.353	ug/l	97
37) Ethyl Acetate	4.721	43	9480	2.502	ug/l	98
38) Carbon Tetrachloride	5.678	117	7300	2.121	ug/l	90
39) Methylcyclohexane	7.379	83	10196	2.384	ug/l	95
40) Benzene	6.044	78	25118	2.471	ug/l	96

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41) Methacrylonitrile	4.934	41	5343	2.375	ug/l		93
42) 1,2-Dichloroethane	6.086	62	11334	2.592	ug/l		98
43) Isopropyl Acetate	6.336	43	15084	2.283	ug/l		100
44) Trichloroethene	7.129	130	6396	2.482	ug/l		91
45) 1,2-Dichloropropane	7.434	63	6615	2.458	ug/l	#	88
46) Dibromomethane	7.580	93	4195	2.277	ug/l		92
47) Bromodichloromethane	7.824	83	7164	2.012	ug/l	#	85
48) Methyl methacrylate	7.696	41	7556	2.317	ug/l		96
49) 1,4-Dioxane	7.732	88	3146m	44.898	ug/l		
51) 4-Methyl-2-Pentanone	8.574	43	47211	12.402	ug/l		97
52) Toluene	8.720	92	15964	2.488	ug/l		96
53) t-1,3-Dichloropropene	8.976	75	6969	1.801	ug/l		91
54) cis-1,3-Dichloropropene	8.366	75	8184	1.974	ug/l		97
55) 1,1,2-Trichloroethane	9.153	97	5790	2.298	ug/l		97
56) Ethyl methacrylate	9.116	69	8553	2.096	ug/l		90
57) 1,3-Dichloropropane	9.311	76	10675	2.337	ug/l		96
58) 2-Chloroethyl Vinyl ether	8.244	63	21102	10.165	ug/l		99
59) 2-Hexanone	9.433	43	33665	11.743	ug/l		100
60) Dibromochloromethane	9.519	129	4282	1.783	ug/l		98
61) 1,2-Dibromoethane	9.610	107	5971	2.249	ug/l		95
64) Tetrachloroethene	9.275	164	5159	2.589	ug/l		95
65) Chlorobenzene	10.079	112	15676	2.427	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.165	131	4393	1.923	ug/l		92
67) Ethyl Benzene	10.195	91	29251	2.408	ug/l		97
68) m/p-Xylenes	10.305	106	20719	4.614	ug/l		90
69) o-Xylene	10.640	106	10301	2.312	ug/l		92
70) Styrene	10.652	104	16171	2.252	ug/l		97
71) Bromoform	10.799	173	2528	1.682	ug/l	#	97
73) Isopropylbenzene	10.963	105	27768	2.447	ug/l		98
74) N-amyl acetate	10.841	43	11696	2.211	ug/l		94
75) 1,1,2,2-Tetrachloroethane	11.213	83	8857	2.406	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	7720m	2.344	ug/l		
77) Bromobenzene	11.195	156	6327	2.457	ug/l		90
78) n-propylbenzene	11.305	91	32025	2.401	ug/l		96
79) 2-Chlorotoluene	11.366	91	20766	2.487	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	23088	2.394	ug/l		97
81) trans-1,4-Dichloro-2-b...	11.018	75	1385m	1.355	ug/l		
82) 4-Chlorotoluene	11.457	91	22979	2.389	ug/l		99
83) tert-Butylbenzene	11.713	119	21551	2.299	ug/l		93
84) 1,2,4-Trimethylbenzene	11.750	105	22199	2.293	ug/l		96
85) sec-Butylbenzene	11.890	105	27564	2.342	ug/l		95
86) p-Isopropyltoluene	12.006	119	21645	2.237	ug/l		96
87) 1,3-Dichlorobenzene	11.969	146	11591	2.369	ug/l		98
88) 1,4-Dichlorobenzene	12.042	146	11813m	2.391	ug/l		
89) n-Butylbenzene	12.329	91	18700	2.125	ug/l		98
90) Hexachloroethane	12.536	117	2460	1.677	ug/l		92
91) 1,2-Dichlorobenzene	12.335	146	11005	2.297	ug/l		94
92) 1,2-Dibromo-3-Chloropr...	12.939	75	1563	1.907	ug/l		84
93) 1,2,4-Trichlorobenzene	13.585	180	6661	2.309	ug/l		98
94) Hexachlorobutadiene	13.725	225	2626	2.294	ug/l		96
95) Naphthalene	13.774	128	22008	2.228	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	6247	2.202	ug/l		98

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

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