Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051823\
Data File : VX035742.D
Acq On : 18 May 2023 15:10
Operator : JC/MD
Sample : 02213-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 19 06:25:38 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

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Supervised By :Mahesh Dadoda

05/19/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.550	168	116253	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.763	114	212416	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.055	117	184972	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81947	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.952	65	78366	38.641	ug/l		0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 77.280%#				
35) Dibromofluoromethane	5.385	113	49473	34.535	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 69.080%#				
50) Toluene-d8	8.647	98	180706	34.146	ug/l		0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 68.300%#				
62) 4-Bromofluorobenzene	11.079	95	70854	33.252	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 66.500%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.166	85	941	0.621	ug/l		88
3) Chloromethane	1.295	50	1372	0.746	ug/l	#	86
4) Vinyl Chloride	1.374	62	1010	0.647	ug/l		97
5) Bromomethane	1.618	94	875	1.035	ug/l		94
6) Chloroethane	1.691	64	839	0.886	ug/l	#	84
7) Trichlorofluoromethane	1.892	101	1743	0.760	ug/l		87
8) Diethyl Ether	2.130	74	705	0.798	ug/l		69
9) 1,1,2-Trichlorotrifluo...	2.331	101	997	0.732	ug/l		94
10) Methyl Iodide	2.453	142	952	0.781	ug/l	#	84
11) Tert butyl alcohol	3.014	59	1451m	4.055	ug/l		
12) 1,1-Dichloroethene	2.325	96	810	0.626	ug/l		95
13) Acrolein	2.239	56	1240	2.920	ug/l	#	80
14) Allyl chloride	2.660	41	2062	0.743	ug/l		89
15) Acrylonitrile	3.075	53	3498	4.440	ug/l		96
16) Acetone	2.404	43	5639	6.469	ug/l		100
17) Carbon Disulfide	2.514	76	2224	0.712	ug/l	#	81
18) Methyl Acetate	2.709	43	2700	0.840	ug/l		93
19) Methyl tert-butyl Ether	3.111	73	3672	0.713	ug/l	#	89
20) Methylene Chloride	2.794	84	1980	1.253	ug/l		96
21) trans-1,2-Dichloroethene	3.087	96	1039	0.732	ug/l	#	63
22) Diisopropyl ether	3.757	45	4121	0.759	ug/l	#	93
23) Vinyl Acetate	3.721	43	13396	3.486	ug/l		97
24) 1,1-Dichloroethane	3.605	63	2148	0.740	ug/l	#	81
25) 2-Butanone	4.581	43	5373	4.453	ug/l		92
26) 2,2-Dichloropropane	4.471	77	1541	0.627	ug/l	#	68
27) cis-1,2-Dichloroethene	4.483	96	1304	0.765	ug/l		97
28) Bromochloromethane	4.904	49	824	0.631	ug/l	#	92
29) Tetrahydrofuran	5.032	42	3299	4.350	ug/l		96
30) Chloroform	5.093	83	2181	0.733	ug/l		93
31) Cyclohexane	5.471	56	1667	0.651	ug/l	#	87
32) 1,1,1-Trichloroethane	5.385	97	1750	0.676	ug/l	#	38
36) 1,1-Dichloropropene	5.690	75	1674	0.740	ug/l	#	88
37) Ethyl Acetate	4.733	43	2178	0.923	ug/l	#	78
38) Carbon Tetrachloride	5.672	117	1134	0.529	ug/l	#	78
39) Methylcyclohexane	7.385	83	1805	0.678	ug/l	#	84
40) Benzene	6.050	78	4487	0.709	ug/l		93

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Quant Title : SW846 8260
QLast Update : Fri May 19 06:25:15 2023
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Instrument :
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ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	985	0.703	ug/l	#	64
42) 1,2-Dichloroethane	6.092	62	2159	0.793	ug/l		86
43) Isopropyl Acetate	6.348	43	2740	0.666	ug/l	#	92
44) Trichloroethene	7.123	130	1293	0.806	ug/l		81
45) 1,2-Dichloropropane	7.428	63	1263	0.754	ug/l		93
46) Dibromomethane	7.586	93	854	0.745	ug/l		97
47) Bromodichloromethane	7.830	83	1330	0.600	ug/l	#	97
48) Methyl methacrylate	7.696	41	1611	0.794	ug/l	#	86
49) 1,4-Dioxane	7.751	88	794m	18.206	ug/l		
51) 4-Methyl-2-Pentanone	8.574	43	9145	3.860	ug/l		94
52) Toluene	8.714	92	3156	0.790	ug/l		85
53) t-1,3-Dichloropropene	8.982	75	1310	0.544	ug/l		97
54) cis-1,3-Dichloropropene	8.373	75	1474	0.571	ug/l	#	94
55) 1,1,2-Trichloroethane	9.153	97	1237	0.789	ug/l	#	78
56) Ethyl methacrylate	9.116	69	1500	0.591	ug/l	#	90
57) 1,3-Dichloropropane	9.305	76	2008	0.706	ug/l		93
58) 2-Chloroethyl Vinyl ether	8.244	63	4363	3.377	ug/l		95
59) 2-Hexanone	9.433	43	6761	3.789	ug/l		99
60) Dibromochloromethane	9.519	129	805	0.538	ug/l		93
61) 1,2-Dibromoethane	9.610	107	1092	0.661	ug/l		98
64) Tetrachloroethene	9.269	164	980	0.787	ug/l	#	89
65) Chlorobenzene	10.080	112	3231	0.800	ug/l	#	87
66) 1,1,1,2-Tetrachloroethane	10.159	131	875	0.613	ug/l	#	59
67) Ethyl Benzene	10.189	91	5339	0.703	ug/l	#	85
68) m/p-Xylenes	10.305	106	3818	1.360	ug/l		99
69) o-Xylene	10.640	106	1870	0.671	ug/l		97
70) Styrene	10.653	104	2613	0.582	ug/l		92
71) Bromoform	10.799	173	461	0.491	ug/l	#	76
73) Isopropylbenzene	10.964	105	4520	0.655	ug/l		98
74) N-amyl acetate	10.842	43	1870	0.581	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.207	83	1717	0.767	ug/l		95
76) 1,2,3-Trichloropropane	11.238	75	1607m	0.802	ug/l		
77) Bromobenzene	11.195	156	1243	0.793	ug/l		96
78) n-propylbenzene	11.305	91	5455	0.672	ug/l		96
79) 2-Chlorotoluene	11.366	91	3741	0.736	ug/l		93
80) 1,3,5-Trimethylbenzene	11.451	105	3906	0.666	ug/l		95
81) trans-1,4-Dichloro-2-b...	11.018	75	282m	0.453	ug/l		
82) 4-Chlorotoluene	11.451	91	4244	0.725	ug/l		98
83) tert-Butylbenzene	11.713	119	3862	0.677	ug/l		99
84) 1,2,4-Trimethylbenzene	11.756	105	3743	0.635	ug/l		98
85) sec-Butylbenzene	11.890	105	4746	0.663	ug/l		98
86) p-Isopropyltoluene	12.012	119	3872	0.658	ug/l		92
87) 1,3-Dichlorobenzene	11.969	146	2233	0.750	ug/l		97
88) 1,4-Dichlorobenzene	12.043	146	2491m	0.829	ug/l		
89) n-Butylbenzene	12.329	91	3374	0.630	ug/l		95
90) Hexachloroethane	12.536	117	460	0.515	ug/l		70
91) 1,2-Dichlorobenzene	12.335	146	2210	0.758	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	289	0.579	ug/l		74
93) 1,2,4-Trichlorobenzene	13.591	180	1260	0.718	ug/l	#	91
94) Hexachlorobutadiene	13.719	225	679	0.974	ug/l		94
95) Naphthalene	13.774	128	4066	0.676	ug/l		98
96) 1,2,3-Trichlorobenzene	13.963	180	1251	0.725	ug/l		90

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

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

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