Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113022\
Data File : VX033121.D
Acq On : 30 Nov 2022 09:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 01 00:10:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 22 13:58:46 2022
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

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12/01/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	124421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	202215	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60316	49.585	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.160%			
35) Dibromofluoromethane	5.385	113	52363	45.932	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.860%			
50) Toluene-d8	8.647	98	154004	44.668	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 89.340%#			
62) 4-Bromofluorobenzene	11.079	95	69852	46.645	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.280%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	38604	40.612	ug/l	98
3) Chloromethane	1.295	50	43847	42.728	ug/l	98
4) Vinyl Chloride	1.374	62	51535	45.103	ug/l	98
5) Bromomethane	1.618	94	40543	47.850	ug/l	94
6) Chloroethane	1.691	64	43395	46.652	ug/l	99
7) Trichlorofluoromethane	1.886	101	105235	47.454	ug/l	97
8) Diethyl Ether	2.130	74	38249	54.785	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	56388	48.377	ug/l	99
10) Methyl Iodide	2.453	142	51549	38.633	ug/l	99
11) Tert butyl alcohol	3.014	59	53925m	280.751	ug/l	
12) 1,1-Dichloroethene	2.319	96	53380	49.163	ug/l	96
13) Acrolein	2.240	56	69623	315.570	ug/l	100
14) Allyl chloride	2.666	41	90312	51.520	ug/l	98
15) Acrylonitrile	3.069	53	147853	272.151	ug/l	99
16) Acetone	2.392	43	154467	272.970	ug/l	98
17) Carbon Disulfide	2.514	76	128714	42.908	ug/l	100
18) Methyl Acetate	2.703	43	86513	55.230	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	210662	55.944	ug/l	99
20) Methylene Chloride	2.788	84	64003	54.474	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	59864	48.199	ug/l	94
22) Diisopropyl ether	3.758	45	213866	56.030	ug/l	95
23) Vinyl Acetate	3.721	43	838814	280.746	ug/l	99
24) 1,1-Dichloroethane	3.611	63	113468	51.949	ug/l	99
25) 2-Butanone	4.562	43	216629	277.625	ug/l	100
26) 2,2-Dichloropropane	4.471	77	91737	52.234	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	75613	53.582	ug/l	99
28) Bromochloromethane	4.898	49	54123	56.393	ug/l	100
29) Tetrahydrofuran	5.007	42	133783	270.199	ug/l	100
30) Chloroform	5.087	83	131442	53.730	ug/l	100
31) Cyclohexane	5.471	56	92711	47.222	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	112543	51.370	ug/l	99
36) 1,1-Dichloropropene	5.690	75	85836	47.089	ug/l	99
37) Ethyl Acetate	4.715	43	84240	52.971	ug/l	99
38) Carbon Tetrachloride	5.678	117	97738	48.334	ug/l	95
39) Methylcyclohexane	7.379	83	97005	46.641	ug/l	98
40) Benzene	6.038	78	257453	50.374	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	48237	53.906	ug/l		97
42) 1,2-Dichloroethane	6.086	62	110353	53.627	ug/l		100
43) Isopropyl Acetate	6.336	43	142469	54.169	ug/l		99
44) Trichloroethene	7.123	130	70057	48.850	ug/l		96
45) 1,2-Dichloropropane	7.428	63	66972	53.025	ug/l		97
46) Dibromomethane	7.580	93	51865	52.627	ug/l		98
47) Bromodichloromethane	7.818	83	103332	54.262	ug/l		99
48) Methyl methacrylate	7.690	41	72868	53.825	ug/l		97
49) 1,4-Dioxane	7.720	88	28391	1139.260	ug/l	#	26
51) 4-Methyl-2-Pentanone	8.574	43	446018	274.822	ug/l		99
52) Toluene	8.714	92	171139	50.898	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	108029	52.711	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	114103	55.580	ug/l		95
55) 1,1,2-Trichloroethane	9.153	97	73340	53.574	ug/l		99
56) Ethyl methacrylate	9.116	69	107177	56.823	ug/l		97
57) 1,3-Dichloropropane	9.305	76	117651	53.236	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	241365	269.482	ug/l		100
59) 2-Hexanone	9.427	43	332741	277.542	ug/l		98
60) Dibromochloromethane	9.519	129	83264	56.494	ug/l		100
61) 1,2-Dibromoethane	9.610	107	78351	54.225	ug/l		99
64) Tetrachloroethene	9.275	164	60106	44.995	ug/l		96
65) Chlorobenzene	10.080	112	188962	50.221	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	74291	53.887	ug/l		100
67) Ethyl Benzene	10.195	91	337079	50.503	ug/l		100
68) m/p-Xylenes	10.299	106	265604	101.623	ug/l		99
69) o-Xylene	10.640	106	131521	52.008	ug/l		98
70) Styrene	10.653	104	223903	54.119	ug/l		99
71) Bromoform	10.799	173	59242	56.046	ug/l	#	98
73) Isopropylbenzene	10.964	105	344228	48.338	ug/l		100
74) N-amyl acetate	10.842	43	130963	54.061	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	110727	51.517	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	101149m	53.594	ug/l		
77) Bromobenzene	11.195	156	86173	49.203	ug/l		98
78) n-propylbenzene	11.305	91	400034	49.132	ug/l		100
79) 2-Chlorotoluene	11.366	91	242768	49.093	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	298694	49.929	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	32024	55.154	ug/l		98
82) 4-Chlorotoluene	11.451	91	286029	49.358	ug/l		99
83) tert-Butylbenzene	11.713	119	294405	49.439	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	298862	50.102	ug/l		99
85) sec-Butylbenzene	11.890	105	350890	49.253	ug/l		100
86) p-Isopropyltoluene	12.012	119	301927	50.021	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	164115	49.960	ug/l		100
88) 1,4-Dichlorobenzene	12.043	146	166899	49.610	ug/l		99
89) n-Butylbenzene	12.335	91	262805	50.540	ug/l		100
90) Hexachloroethane	12.536	117	50625	51.050	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	160906	50.354	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22750	53.051	ug/l		99
93) 1,2,4-Trichlorobenzene	13.591	180	101402	51.479	ug/l		99
94) Hexachlorobutadiene	13.725	225	40275	46.345	ug/l		99
95) Naphthalene	13.774	128	335476	52.645	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	102029	51.652	ug/l		100

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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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