Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083021\
Data File : VX024027.D
Acq On : 30 Aug 2021 20:12
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
8/31/2021 5:41:29 PM

Quant Time: Aug 31 03:13:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	189423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	308355	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	293816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	131793	49.851	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.700%			
35) Dibromofluoromethane	5.397	113	98698	48.359	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.720%			
50) Toluene-d8	8.653	98	365031	46.992	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.980%			
62) 4-Bromofluorobenzene	11.085	95	150839	52.749	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	102812	51.444	ug/l	98
3) Chloromethane	1.295	50	106990	48.766	ug/l	99
4) Vinyl Chloride	1.374	62	108744	50.821	ug/l	98
5) Bromomethane	1.599	94	61590	45.782	ug/l	100
6) Chloroethane	1.679	64	70125	44.566	ug/l	99
7) Trichlorofluoromethane	1.886	101	181165	53.615	ug/l	99
8) Diethyl Ether	2.142	74	63772	54.044	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	103071	54.209	ug/l	97
10) Methyl Iodide	2.453	142	139704	52.769	ug/l	92
11) Tert butyl alcohol	2.983	59	159962	299.191	ug/l	98
12) 1,1-Dichloroethene	2.319	96	100910	55.509	ug/l	93
13) Acrolein	2.246	56	87107	273.782	ug/l	97
14) Allyl chloride	2.666	41	188903	56.386	ug/l	90
15) Acrylonitrile	3.075	53	333614	280.053	ug/l	98
16) Acetone	2.392	43	311199	263.262	ug/l #	88
17) Carbon Disulfide	2.514	76	245884	56.711	ug/l	99
18) Methyl Acetate	2.715	43	165969	56.243	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	380784	60.184	ug/l	99
20) Methylene Chloride	2.794	84	117893	52.212	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	106677	54.939	ug/l	90
22) Diisopropyl ether	3.770	45	391165	58.623	ug/l	92
23) Vinyl Acetate	3.733	43	1605021	297.352	ug/l #	93
24) 1,1-Dichloroethane	3.617	63	215878	58.133	ug/l	97
25) 2-Butanone	4.568	43	499365	278.905	ug/l	92
26) 2,2-Dichloropropane	4.483	77	146114	47.940	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	129405	56.007	ug/l	96
28) Bromochloromethane	4.910	49	88279	52.283	ug/l	92
29) Tetrahydrofuran	5.019	42	324468	279.779	ug/l	89
30) Chloroform	5.105	83	223742	56.903	ug/l	98
31) Cyclohexane	5.477	56	190373	56.049	ug/l	94
32) 1,1,1-Trichloroethane	5.397	97	202019	60.001	ug/l	98
36) 1,1-Dichloropropene	5.702	75	162868	57.035	ug/l	98
37) Ethyl Acetate	4.727	43	195843	55.793	ug/l	94
38) Carbon Tetrachloride	5.684	117	175879	59.065	ug/l	98
39) Methylcyclohexane	7.385	83	192447	55.350	ug/l	94
40) Benzene	6.050	78	463373	54.877	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	107065	56.265	ug/l		90
42) 1,2-Dichloroethane	6.099	62	193859	58.415	ug/l		94
43) Isopropyl Acetate	6.355	43	314609	57.300	ug/l		93
44) Trichloroethene	7.129	130	124850	53.525	ug/l		97
45) 1,2-Dichloropropane	7.440	63	122966	54.842	ug/l		96
46) Dibromomethane	7.586	93	87975	56.381	ug/l		97
47) Bromodichloromethane	7.830	83	170754	60.492	ug/l		99
48) Methyl methacrylate	7.702	41	157223	58.700	ug/l		85
49) 1,4-Dioxane	7.665	88	63504	1121.829	ug/l	#	94
51) 4-Methyl-2-Pentanone	8.580	43	1040509	293.169	ug/l		90
52) Toluene	8.726	92	303905	55.543	ug/l		97
53) t-1,3-Dichloropropene	8.982	75	190633	52.186	ug/l		100
54) cis-1,3-Dichloropropene	8.373	75	196343	57.404	ug/l	#	89
55) 1,1,2-Trichloroethane	9.159	97	126880	56.325	ug/l		98
56) Ethyl methacrylate	9.122	69	211391	54.846	ug/l	#	82
57) 1,3-Dichloropropane	9.311	76	212435	56.859	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.251	63	471462	259.916	ug/l		96
59) 2-Hexanone	9.433	43	827079	303.162	ug/l		86
60) Dibromochloromethane	9.525	129	133547	53.555	ug/l		99
61) 1,2-Dibromoethane	9.616	107	136774	57.475	ug/l		100
64) Tetrachloroethene	9.281	164	121584	51.810	ug/l		98
65) Chlorobenzene	10.086	112	340433	55.525	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.165	131	127562	58.457	ug/l		100
67) Ethyl Benzene	10.195	91	610349	57.007	ug/l		100
68) m/p-Xylenes	10.305	106	471533	115.627	ug/l		99
69) o-Xylene	10.646	106	234364	58.481	ug/l		98
70) Styrene	10.659	104	395469	60.573	ug/l		97
71) Bromoform	10.805	173	100365	56.347	ug/l	#	99
73) Isopropylbenzene	10.964	105	622499	55.606	ug/l		100
74) N-amyl acetate	10.848	43	293294	57.973	ug/l		90
75) 1,1,2,2-Tetrachloroethane	11.213	83	199018	54.245	ug/l		99
76) 1,2,3-Trichloropropane	11.244	75	189988m	55.491	ug/l		
77) Bromobenzene	11.201	156	152738	55.394	ug/l		99
78) n-propylbenzene	11.305	91	716997	55.997	ug/l		99
79) 2-Chlorotoluene	11.366	91	440813	56.960	ug/l		100
80) 1,3,5-Trimethylbenzene	11.457	105	528913	57.492	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.024	75	63002	54.129	ug/l		91
82) 4-Chlorotoluene	11.457	91	504234	57.401	ug/l		99
83) tert-Butylbenzene	11.719	119	517660	57.936	ug/l		94
84) 1,2,4-Trimethylbenzene	11.756	105	525242	57.260	ug/l		98
85) sec-Butylbenzene	11.896	105	654079	57.821	ug/l		100
86) p-Isopropyltoluene	12.012	119	542937	58.316	ug/l		97
87) 1,3-Dichlorobenzene	11.969	146	274600	55.046	ug/l		98
88) 1,4-Dichlorobenzene	12.043	146	275905	55.454	ug/l		99
89) n-Butylbenzene	12.335	91	471868	56.764	ug/l		98
90) Hexachloroethane	12.542	117	91293	56.070	ug/l		93
91) 1,2-Dichlorobenzene	12.341	146	265660	54.969	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	46419	53.790	ug/l		87
93) 1,2,4-Trichlorobenzene	13.591	180	157986	54.316	ug/l		99
94) Hexachlorobutadiene	13.731	225	70111	54.081	ug/l		99
95) Naphthalene	13.780	128	557315	51.865	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	163608	56.479	ug/l		99

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

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