Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071321\
Data File : VX023253.D
Acq On : 13 Jul 2021 09:19
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 14 04:51:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 02 14:29:42 2021
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
MMDadoda
7/15/2021 1:17:58 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	286454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	435521	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	404709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	206147	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	171247	44.48	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 88.96%			
35) Dibromofluoromethane	5.391	113	134191	47.71	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.42%			
50) Toluene-d8	8.653	98	492842	46.98	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.96%			
62) 4-Bromofluorobenzene	11.085	95	197118	48.67	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.34%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	130541	50.29	ug/l	99
3) Chloromethane	1.294	50	111712	43.50	ug/l	99
4) Vinyl Chloride	1.374	62	125039	45.96	ug/l	100
5) Bromomethane	1.599	94	57386	40.14	ug/l	97
6) Chloroethane	1.678	64	77546	43.59	ug/l	96
7) Trichlorofluoromethane	1.880	101	213217	45.10	ug/l	99
8) Diethyl Ether	2.136	74	80365	46.06	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	140091	50.64	ug/l	95
10) Methyl Iodide	2.453	142	162636	47.87	ug/l	93
11) Tert butyl alcohol	2.977	59	173189	213.83	ug/l	97
12) 1,1-Dichloroethene	2.319	96	124417	48.72	ug/l	99
13) Acrolein	2.239	56	108447	201.08	ug/l	99
14) Allyl chloride	2.666	41	217336	48.98	ug/l	95
15) Acrylonitrile	3.068	53	365593	232.14	ug/l	98
16) Acetone	2.386	43	405678	266.34	ug/l	91
17) Carbon Disulfide	2.514	76	238689	44.32	ug/l	98
18) Methyl Acetate	2.709	43	172462	46.64	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	481962	50.47	ug/l	99
20) Methylene Chloride	2.794	84	141839	43.25	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	133235	48.31	ug/l	98
22) Diisopropyl ether	3.769	45	442017	47.25	ug/l	96
23) Vinyl Acetate	3.727	43	1888195	238.49	ug/l	97
24) 1,1-Dichloroethane	3.611	63	257910	48.80	ug/l	97
25) 2-Butanone	4.562	43	566182	246.51	ug/l	96
26) 2,2-Dichloropropane	4.477	77	241305	54.39	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	162139	48.54	ug/l	98
28) Bromochloromethane	4.903	49	111764	44.57	ug/l	97
29) Tetrahydrofuran	5.013	42	325468	220.44	ug/l	94
30) Chloroform	5.099	83	277183	48.55	ug/l	99
31) Cyclohexane	5.477	56	210773	45.72	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	253564	50.99	ug/l	99
36) 1,1-Dichloropropene	5.696	75	190469	49.06	ug/l	99
37) Ethyl Acetate	4.721	43	199200	47.03	ug/l	96
38) Carbon Tetrachloride	5.678	117	220689	54.46	ug/l	96
39) Methylcyclohexane	7.385	83	233400	51.40	ug/l	98
40) Benzene	6.043	78	555502	49.28	ug/l	100
41) Methacrylonitrile	4.928	41	114285	48.27	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.092	62	224779	49.63	ug/l	96
43) Isopropyl Acetate	6.342	43	333397	47.32	ug/l	96
44) Trichloroethene	7.129	130	163731	51.20	ug/l	97
45) 1,2-Dichloropropane	7.433	63	147360	50.08	ug/l	97
46) Dibromomethane	7.586	93	105796	50.34	ug/l	100
47) Bromodichloromethane	7.824	83	208390	54.31	ug/l	100
48) Methyl methacrylate	7.696	41	163918	47.42	ug/l	91
49) 1,4-Dioxane	7.659	88	74302	955.03	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	1015980	232.73	ug/l	95
52) Toluene	8.720	92	365299	50.07	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	233711	48.28	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	245011	48.58	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	158548	51.75	ug/l	97
56) Ethyl methacrylate	9.116	69	240392	50.78	ug/l	91
57) 1,3-Dichloropropane	9.311	76	249601	49.29	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	606072	235.52	ug/l	99
59) 2-Hexanone	9.433	43	819191	244.57	ug/l	91
60) Dibromochloromethane	9.525	129	164124	48.11	ug/l	99
61) 1,2-Dibromoethane	9.610	107	162445	51.67	ug/l	100
64) Tetrachloroethene	9.275	164	168548	52.22	ug/l	93
65) Chlorobenzene	10.079	112	410404	51.30	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	158874	54.92	ug/l	99
67) Ethyl Benzene	10.195	91	724141	51.20	ug/l	99
68) m/p-Xylenes	10.305	106	571866	105.91	ug/l	98
69) o-Xylene	10.646	106	280976	51.63	ug/l	99
70) Styrene	10.659	104	473015	53.21	ug/l	98
71) Bromoform	10.805	173	119963	48.89	ug/l	100
73) Isopropylbenzene	10.963	105	752778	51.84	ug/l	99
74) N-amyl acetate	10.848	43	284601	46.18	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	219287	47.53	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	211853m	51.07	ug/l	
77) Bromobenzene	11.201	156	183905	50.72	ug/l	96
78) n-propylbenzene	11.305	91	865599	51.55	ug/l	98
79) 2-Chlorotoluene	11.366	91	521048	50.20	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	646316	51.69	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	74568	50.18	ug/l	97
82) 4-Chlorotoluene	11.457	91	605316	51.65	ug/l	100
83) tert-Butylbenzene	11.719	119	632633	53.30	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	645012	52.20	ug/l	100
85) sec-Butylbenzene	11.896	105	818218	53.58	ug/l	99
86) p-Isopropyltoluene	12.012	119	690493	53.90	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	352363	51.75	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	351111	51.21	ug/l	98
89) n-Butylbenzene	12.335	91	602028	53.65	ug/l	98
90) Hexachloroethane	12.542	117	109644	50.03	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	345409	51.00	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	52812	46.83	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	229717	55.06	ug/l	98
94) Hexachlorobutadiene	13.725	225	100113	56.67	ug/l	99
95) Naphthalene	13.780	128	745456	48.48	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	233857	55.73	ug/l	98

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