Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052721\
Data File : VX022188.D
Acq On : 26 May 2021 11:24
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 26 13:10:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	86930	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	167026	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72201	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	65701	49.00	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.00%			
35) Dibromofluoromethane	5.391	113	50636	47.81	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.62%			
50) Toluene-d8	8.653	98	198977	48.77	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.54%			
62) 4-Bromofluorobenzene	11.085	95	77427	51.34	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.68%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	51191	48.44	ug/l	98
3) Chloromethane	1.295	50	53339	46.79	ug/l	100
4) Vinyl Chloride	1.374	62	57684	47.82	ug/l	97
5) Bromomethane	1.599	94	29148	41.45	ug/l	94
6) Chloroethane	1.679	64	36107	50.27	ug/l	100
7) Trichlorofluoromethane	1.880	101	85792	49.47	ug/l	96
8) Diethyl Ether	2.142	74	35207	47.20	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.325	101	51312	49.82	ug/l	92
10) Methyl Iodide	2.453	142	47991	43.36	ug/l	95
11) Tert butyl alcohol	2.977	59	78885	257.20	ug/l	99
12) 1,1-Dichloroethene	2.319	96	46925	47.10	ug/l	94
13) Acrolein	2.239	56	52059	255.92	ug/l	99
14) Allyl chloride	2.666	41	92982	50.81	ug/l	98
15) Acrylonitrile	3.075	53	161292	267.12	ug/l	100
16) Acetone	2.392	43	164706	282.08	ug/l	99
17) Carbon Disulfide	2.508	76	115264	44.17	ug/l	100
18) Methyl Acetate	2.709	43	82172	52.92	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	174047	51.00	ug/l	100
20) Methylene Chloride	2.794	84	61412	47.37	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	54674	50.45	ug/l	99
22) Diisopropyl ether	3.770	45	179702	50.99	ug/l	98
23) Vinyl Acetate	3.727	43	873168	257.31	ug/l	96
24) 1,1-Dichloroethane	3.611	63	106544	51.51	ug/l	98
25) 2-Butanone	4.568	43	257544	272.64	ug/l	96
26) 2,2-Dichloropropane	4.483	77	94124	51.26	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	66275	50.29	ug/l	98
28) Bromochloromethane	4.904	49	47859	47.70	ug/l	86
29) Tetrahydrofuran	5.019	42	142145	252.82	ug/l	93
30) Chloroform	5.099	83	108212	50.64	ug/l	99
31) Cyclohexane	5.471	56	80742	47.92	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	92668	50.75	ug/l	99
36) 1,1-Dichloropropene	5.696	75	77758	50.35	ug/l	99
37) Ethyl Acetate	4.721	43	96745	51.10	ug/l	95
38) Carbon Tetrachloride	5.684	117	76361	50.54	ug/l	97
39) Methylcyclohexane	7.385	83	87622	50.02	ug/l	98
40) Benzene	6.044	78	242397	51.01	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	52785	52.11	ug/l		94
42) 1,2-Dichloroethane	6.092	62	85842	51.56	ug/l		99
43) Isopropyl Acetate	6.348	43	161760	52.23	ug/l		95
44) Trichloroethene	7.129	130	59307	50.22	ug/l		94
45) 1,2-Dichloropropane	7.434	63	63671	52.52	ug/l		99
46) Dibromomethane	7.586	93	41438	50.39	ug/l		88
47) Bromodichloromethane	7.824	83	84563	51.38	ug/l		97
48) Methyl methacrylate	7.696	41	74507	52.21	ug/l		92
49) 1,4-Dioxane	7.659	88	30461	1096.23	ug/l		96
51) 4-Methyl-2-Pentanone	8.580	43	504270	271.84	ug/l		92
52) Toluene	8.720	92	152743	50.75	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	100598	52.96	ug/l		100
54) cis-1,3-Dichloropropene	8.373	75	106000	51.90	ug/l		95
55) 1,1,2-Trichloroethane	9.153	97	63798	52.22	ug/l		97
56) Ethyl methacrylate	9.116	69	104382	52.86	ug/l	#	89
57) 1,3-Dichloropropane	9.311	76	110641	53.04	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.244	63	276281	258.71	ug/l		97
59) 2-Hexanone	9.433	43	393305	281.90	ug/l		91
60) Dibromochloromethane	9.525	129	62704	52.76	ug/l		99
61) 1,2-Dibromoethane	9.610	107	65200	53.60	ug/l		99
64) Tetrachloroethene	9.275	164	51207	50.92	ug/l		91
65) Chlorobenzene	10.080	112	163950	51.42	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.165	131	57180	51.61	ug/l		97
67) Ethyl Benzene	10.195	91	303493	51.74	ug/l		100
68) m/p-Xylenes	10.305	106	224741	101.37	ug/l		99
69) o-Xylene	10.646	106	111453	51.69	ug/l		100
70) Styrene	10.659	104	189743	53.72	ug/l		99
71) Bromoform	10.805	173	39740	46.89	ug/l	#	100
73) Isopropylbenzene	10.964	105	295716	48.39	ug/l		99
74) N-amyl acetate	10.848	43	146823	50.62	ug/l		92
75) 1,1,2,2-Tetrachloroethane	11.213	83	103525	51.11	ug/l		99
76) 1,2,3-Trichloropropane	11.244	75	92688m	52.04	ug/l		
77) Bromobenzene	11.201	156	62906	48.55	ug/l		87
78) n-propylbenzene	11.305	91	358672	50.11	ug/l		98
79) 2-Chlorotoluene	11.366	91	207694	47.84	ug/l		97
80) 1,3,5-Trimethylbenzene	11.457	105	251072	49.57	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.024	75	36873	49.05	ug/l		97
82) 4-Chlorotoluene	11.457	91	240726	48.13	ug/l		98
83) tert-Butylbenzene	11.719	119	237299	48.85	ug/l		94
84) 1,2,4-Trimethylbenzene	11.756	105	253063	49.64	ug/l		99
85) sec-Butylbenzene	11.896	105	310062	50.23	ug/l		99
86) p-Isopropyltoluene	12.012	119	261591	50.18	ug/l		97
87) 1,3-Dichlorobenzene	11.976	146	123592	49.47	ug/l		96
88) 1,4-Dichlorobenzene	12.043	146	123844	47.96	ug/l		97
89) n-Butylbenzene	12.335	91	252960	52.45	ug/l		98
90) Hexachloroethane	12.542	117	41848	48.57	ug/l		77
91) 1,2-Dichlorobenzene	12.335	146	119719	49.89	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22523	51.97	ug/l		82
93) 1,2,4-Trichlorobenzene	13.591	180	76377	52.75	ug/l		96
94) Hexachlorobutadiene	13.725	225	28444	50.33	ug/l		99
95) Naphthalene	13.780	128	300441	53.21	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	75112	51.46	ug/l		96

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

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