Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060121\
Data File : VX022289.D
Acq On : 01 Jun 2021 14:39
Operator : JC/MD
Sample : VX0601WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 01 16:07:32 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 :
VX0601WBS01

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	94075	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	186449	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	168336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75383	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	78787	54.29	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.58%			
35) Dibromofluoromethane	5.397	113	59982	50.73	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.46%			
50) Toluene-d8	8.653	98	230993	50.72	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.44%			
62) 4-Bromofluorobenzene	11.085	95	86563	51.42	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.84%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	20606	18.02	ug/l	97
3) Chloromethane	1.294	50	22248	18.03	ug/l	98
4) Vinyl Chloride	1.374	62	23769	18.21	ug/l	96
5) Bromomethane	1.605	94	14452	18.99	ug/l	92
6) Chloroethane	1.685	64	14941	19.22	ug/l	96
7) Trichlorofluoromethane	1.886	101	36209	19.29	ug/l	98
8) Diethyl Ether	2.136	74	14768	18.30	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	22173	19.89	ug/l	92
10) Methyl Iodide	2.453	142	20395	17.03	ug/l	96
11) Tert butyl alcohol	2.977	59	37066	111.67	ug/l	98
12) 1,1-Dichloroethene	2.319	96	21054	19.53	ug/l	94
13) Acrolein	2.239	56	6977	31.69	ug/l	100
14) Allyl chloride	2.666	41	39614	20.00	ug/l	95
15) Acrylonitrile	3.075	53	73016	111.74	ug/l	99
16) Acetone	2.386	43	73837	116.85	ug/l	95
17) Carbon Disulfide	2.514	76	43027	15.24	ug/l #	94
18) Methyl Acetate	2.715	43	38795	23.09	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	77804	21.07	ug/l	98
20) Methylene Chloride	2.794	84	26980	19.23	ug/l	88
21) trans-1,2-Dichloroethene	3.099	96	23272	19.84	ug/l	95
22) Diisopropyl ether	3.770	45	80007	20.98	ug/l	92
23) Vinyl Acetate	3.733	43	389766	106.13	ug/l	96
24) 1,1-Dichloroethane	3.617	63	46351	20.71	ug/l	97
25) 2-Butanone	4.568	43	118544	115.96	ug/l	100
26) 2,2-Dichloropropane	4.483	77	39528	19.89	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	29887	20.96	ug/l	99
28) Bromochloromethane	4.916	49	25052	23.07	ug/l	83
29) Tetrahydrofuran	5.019	42	65952	108.40	ug/l	91
30) Chloroform	5.105	83	47407	20.50	ug/l	95
31) Cyclohexane	5.483	56	34811	19.09	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	39028	19.75	ug/l	96
36) 1,1-Dichloropropene	5.702	75	33223	19.27	ug/l	98
37) Ethyl Acetate	4.727	43	42625	20.17	ug/l	96
38) Carbon Tetrachloride	5.684	117	31358	18.59	ug/l	98
39) Methylcyclohexane	7.385	83	35832	18.32	ug/l	98
40) Benzene	6.044	78	106215	20.02	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	23329	20.63	ug/l		94
42) 1,2-Dichloroethane	6.098	62	38807	20.88	ug/l		98
43) Isopropyl Acetate	6.354	43	73499	21.26	ug/l		94
44) Trichloroethene	7.135	130	26075	19.78	ug/l		100
45) 1,2-Dichloropropane	7.434	63	28748	21.24	ug/l		97
46) Dibromomethane	7.592	93	18147	19.77	ug/l	#	88
47) Bromodichloromethane	7.830	83	36249	19.73	ug/l		98
48) Methyl methacrylate	7.702	41	33952	21.31	ug/l		89
49) 1,4-Dioxane	7.665	88	13545	436.68	ug/l		97
51) 4-Methyl-2-Pentanone	8.580	43	229807	110.98	ug/l		92
52) Toluene	8.720	92	66424	19.77	ug/l		100
53) t-1,3-Dichloropropene	8.982	75	42540	20.06	ug/l		99
54) cis-1,3-Dichloropropene	8.372	75	44695	19.60	ug/l		92
55) 1,1,2-Trichloroethane	9.159	97	27977	20.51	ug/l		97
56) Ethyl methacrylate	9.122	69	44957	20.40	ug/l	#	86
57) 1,3-Dichloropropane	9.311	76	48668	20.90	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	115598	96.97	ug/l		96
59) 2-Hexanone	9.433	43	176005	113.01	ug/l		91
60) Dibromochloromethane	9.525	129	25100	18.92	ug/l		99
61) 1,2-Dibromoethane	9.616	107	27910	20.55	ug/l		100
64) Tetrachloroethene	9.275	164	21306	19.28	ug/l	#	90
65) Chlorobenzene	10.079	112	70175	20.03	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.165	131	24644	20.24	ug/l		98
67) Ethyl Benzene	10.195	91	128829	19.98	ug/l		98
68) m/p-Xylenes	10.305	106	95507	39.20	ug/l		98
69) o-Xylene	10.646	106	47058	19.86	ug/l		98
70) Styrene	10.659	104	78881	20.32	ug/l		98
71) Bromoform	10.805	173	15031	17.06	ug/l	#	99
73) Isopropylbenzene	10.963	105	126645	19.85	ug/l		99
74) N-amyl acetate	10.848	43	63824	21.08	ug/l		92
75) 1,1,2,2-Tetrachloroethane	11.213	83	44928	21.25	ug/l		99
76) 1,2,3-Trichloropropane	11.244	75	39274m	21.12	ug/l		
77) Bromobenzene	11.201	156	27004	19.96	ug/l		88
78) n-propylbenzene	11.305	91	148451	19.86	ug/l		99
79) 2-Chlorotoluene	11.366	91	88238	19.47	ug/l		99
80) 1,3,5-Trimethylbenzene	11.457	105	104662	19.79	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.024	75	14251	18.16	ug/l		95
82) 4-Chlorotoluene	11.457	91	102675	19.66	ug/l		97
83) tert-Butylbenzene	11.719	119	97955	19.31	ug/l		91
84) 1,2,4-Trimethylbenzene	11.756	105	106111	19.94	ug/l		100
85) sec-Butylbenzene	11.896	105	128575	19.95	ug/l		97
86) p-Isopropyltoluene	12.012	119	107176	19.69	ug/l		97
87) 1,3-Dichlorobenzene	11.969	146	50668	19.43	ug/l		97
88) 1,4-Dichlorobenzene	12.042	146	52068	19.31	ug/l		96
89) n-Butylbenzene	12.335	91	99815	19.82	ug/l		99
90) Hexachloroethane	12.542	117	15725	17.48	ug/l		74
91) 1,2-Dichlorobenzene	12.341	146	51033	20.37	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9103	20.12	ug/l		80
93) 1,2,4-Trichlorobenzene	13.591	180	29526	19.53	ug/l		97
94) Hexachlorobutadiene	13.725	225	10339	17.52	ug/l		98
95) Naphthalene	13.780	128	123696	20.98	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	29915	19.63	ug/l		96

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

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