Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062321\
Data File : VX022838.D
Acq On : 23 Jun 2021 10:29
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
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6/24/2021 4:59:55 PM

Quant Time: Jun 23 11:20:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 11:18:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.562	168	66798	50.00	ug/l	#	0.00
34) 1,4-Difluorobenzene	6.769	114	134044	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.055	117	121619	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52621	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.964	65	21601	17.90	ug/l		0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 35.80%#				
35) Dibromofluoromethane	5.391	113	14698	17.09	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 34.18%#				
50) Toluene-d8	8.653	98	58065	17.23	ug/l		0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 34.46%#				
62) 4-Bromofluorobenzene	11.085	95	21124	16.58	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 33.16%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.173	85	18823	23.15	ug/l		99
3) Chloromethane	1.294	50	19276	20.11	ug/l		100
4) Vinyl Chloride	1.374	62	18454	19.60	ug/l		100
5) Bromomethane	1.605	94	10935	21.54	ug/l		99
6) Chloroethane	1.685	64	11095	19.49	ug/l		98
7) Trichlorofluoromethane	1.886	101	26019	19.24	ug/l		93
8) Diethyl Ether	2.142	74	10310	19.05	ug/l		90
9) 1,1,2-Trichlorotrifluo...	2.331	101	16177	19.54	ug/l		91
10) Methyl Iodide	2.459	142	16185	17.53	ug/l		92
11) Tert butyl alcohol	2.977	59	22984	83.66	ug/l		99
12) 1,1-Dichloroethene	2.325	96	16030	19.44	ug/l		93
13) Acrolein	2.239	56	14290	114.09	ug/l		99
14) Allyl chloride	2.666	41	29391	18.68	ug/l		92
15) Acrylonitrile	3.075	53	55015	99.64	ug/l		98
16) Acetone	2.386	43	49439	92.23	ug/l		90
17) Carbon Disulfide	2.514	76	35910	19.18	ug/l		98
18) Methyl Acetate	2.709	43	24635	15.58	ug/l		92
19) Methyl tert-butyl Ether	3.123	73	57576	20.08	ug/l		94
20) Methylene Chloride	2.794	84	19478	17.14	ug/l		89
21) trans-1,2-Dichloroethene	3.093	96	17180	18.98	ug/l		88
22) Diisopropyl ether	3.770	45	64040	20.21	ug/l	#	91
23) Vinyl Acetate	3.733	43	273371	95.19	ug/l		94
24) 1,1-Dichloroethane	3.617	63	33862	18.68	ug/l		99
25) 2-Butanone	4.568	43	79049	91.22	ug/l		91
26) 2,2-Dichloropropane	4.483	77	26069	18.89	ug/l		100
27) cis-1,2-Dichloroethene	4.495	96	20316	18.57	ug/l		96
28) Bromochloromethane	4.904	49	15438	17.77	ug/l	#	74
29) Tetrahydrofuran	5.013	42	49791	96.53	ug/l		90
30) Chloroform	5.111	83	33978	18.86	ug/l		95
31) Cyclohexane	5.477	56	31453	20.83	ug/l		90
32) 1,1,1-Trichloroethane	5.391	97	28057	19.71	ug/l		96
36) 1,1-Dichloropropene	5.696	75	25770	19.07	ug/l		96
37) Ethyl Acetate	4.721	43	29911	17.67	ug/l	#	93
38) Carbon Tetrachloride	5.684	117	21429	18.50	ug/l		99
39) Methylcyclohexane	7.385	83	30424	21.08	ug/l		93
40) Benzene	6.044	78	76785	19.27	ug/l		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	16563	18.41	ug/l		91
42) 1,2-Dichloroethane	6.092	62	27710	18.76	ug/l		97
43) Isopropyl Acetate	6.348	43	48487	18.14	ug/l	#	91
44) Trichloroethene	7.129	130	17803	18.98	ug/l		88
45) 1,2-Dichloropropane	7.440	63	19761	18.44	ug/l		99
46) Dibromomethane	7.586	93	12536	18.77	ug/l	#	87
47) Bromodichloromethane	7.830	83	22143	17.90	ug/l		99
48) Methyl methacrylate	7.696	41	21859	17.08	ug/l		86
49) 1,4-Dioxane	7.665	88	9557	385.38	ug/l	#	93
51) 4-Methyl-2-Pentanone	8.580	43	155963	91.96	ug/l		90
52) Toluene	8.720	92	45675	18.42	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	24312	17.01	ug/l		96
54) cis-1,3-Dichloropropene	8.372	75	28233	18.05	ug/l	#	89
55) 1,1,2-Trichloroethane	9.153	97	18175	17.99	ug/l		96
56) Ethyl methacrylate	9.122	69	29260	17.90	ug/l	#	81
57) 1,3-Dichloropropane	9.311	76	33932	19.27	ug/l		97
58) 2-Chloroethyl Vinyl ether	8.244	63	79057	87.15	ug/l		94
59) 2-Hexanone	9.433	43	118364	91.60	ug/l		87
60) Dibromochloromethane	9.525	129	13818	16.70	ug/l		96
61) 1,2-Dibromoethane	9.616	107	18091	18.02	ug/l		99
64) Tetrachloroethene	9.275	164	16645	21.22	ug/l	#	90
65) Chlorobenzene	10.079	112	47035	18.55	ug/l		95
66) 1,1,1,2-Tetrachloroethane	10.165	131	15108	18.30	ug/l		98
67) Ethyl Benzene	10.195	91	86027	18.38	ug/l		99
68) m/p-Xylenes	10.305	106	65008	38.39	ug/l		97
69) o-Xylene	10.646	106	31902	19.40	ug/l		97
70) Styrene	10.659	104	52606	19.18	ug/l		97
71) Bromoform	10.805	173	7904	16.58	ug/l	#	100
73) Isopropylbenzene	10.963	105	81065	18.56	ug/l		99
74) N-amyl acetate	10.848	43	40470	17.38	ug/l		90
75) 1,1,2,2-Tetrachloroethane	11.213	83	28124	18.30	ug/l		98
76) 1,2,3-Trichloropropane	11.244	75	26318m	18.86	ug/l		
77) Bromobenzene	11.201	156	17021	18.39	ug/l		82
78) n-propylbenzene	11.305	91	98957	18.74	ug/l		98
79) 2-Chlorotoluene	11.366	91	60264	18.84	ug/l		98
80) 1,3,5-Trimethylbenzene	11.457	105	69339	19.16	ug/l		97
81) trans-1,4-Dichloro-2-b...	11.024	75	6701	14.41	ug/l	#	76
82) 4-Chlorotoluene	11.457	91	68165	18.75	ug/l		93
83) tert-Butylbenzene	11.719	119	63542	18.67	ug/l		89
84) 1,2,4-Trimethylbenzene	11.756	105	68509	18.59	ug/l		97
85) sec-Butylbenzene	11.896	105	85311	19.04	ug/l		98
86) p-Isopropyltoluene	12.012	119	68516	18.65	ug/l		96
87) 1,3-Dichlorobenzene	11.969	146	33098	18.76	ug/l		97
88) 1,4-Dichlorobenzene	12.043	146	33566	18.54	ug/l		96
89) n-Butylbenzene	12.335	91	63519	18.09	ug/l		96
90) Hexachloroethane	12.542	117	9521	18.21	ug/l		72
91) 1,2-Dichlorobenzene	12.341	146	31763	18.52	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5316	18.03	ug/l		74
93) 1,2,4-Trichlorobenzene	13.591	180	16907	16.59	ug/l		97
94) Hexachlorobutadiene	13.725	225	6568	17.91	ug/l		96
95) Naphthalene	13.780	128	70246	17.81	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	17739	17.76	ug/l		96

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

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