Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012521\
Data File : VN065569.D
Acq On : 25 Jan 2021 11:11
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
MMDadoda
1/26/2021 5:19:43 PM

Quant Time: Jan 25 12:06:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 12:03:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.624	168	160750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	293935	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	254507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	105399	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	39176	20.13	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 40.26%#			
35) Dibromofluoromethane	7.550	113	31738	17.51	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 35.02%#			
50) Toluene-d8	10.058	98	123047	17.72	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 35.44%#			
62) 4-Bromofluorobenzene	12.373	95	45156	18.57	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 37.14%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.837	85	33318	18.15	ug/l	98
3) Chloromethane	2.036	50	49912	22.79	ug/l	99
4) Vinyl Chloride	2.168	62	50171	22.79	ug/l	99
5) Bromomethane	2.544	94	29116	20.11	ug/l	99
6) Chloroethane	2.682	64	29244	20.79	ug/l	99
7) Trichlorofluoromethane	2.994	101	51453	18.52	ug/l	97
8) Diethyl Ether	3.380	74	24572	22.50	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.721	101	32500	20.16	ug/l	93
10) Methyl Iodide	3.910	142	45258	18.21	ug/l	98
11) Tert butyl alcohol	4.756	59	36610	139.86	ug/l	96
12) 1,1-Dichloroethene	3.698	96	34936	21.26	ug/l	90
13) Acrolein	3.570	56	30263	144.25	ug/l	97
14) Allyl chloride	4.274	41	68792	26.03	ug/l	91
15) Acrylonitrile	4.939	53	95472	120.37	ug/l	98
16) Acetone	3.782	43	75591	112.10	ug/l	98
17) Carbon Disulfide	4.007	76	105906	22.65	ug/l	98
18) Methyl Acetate	4.287	43	41247	22.78	ug/l	96
19) Methyl tert-butyl Ether	4.994	73	121014	22.96	ug/l	94
20) Methylene Chloride	4.499	84	41961	20.45	ug/l	95
21) trans-1,2-Dichloroethene	4.987	96	37238	20.99	ug/l	90
22) Diisopropyl ether	5.904	45	141054	25.20	ug/l	95
23) Vinyl Acetate	5.846	43	559607	124.10	ug/l	97
24) 1,1-Dichloroethane	5.798	63	74671	23.50	ug/l	98
25) 2-Butanone	6.795	43	121062	120.39	ug/l	94
26) 2,2-Dichloropropane	6.775	77	58816	23.58	ug/l	99
27) cis-1,2-Dichloroethene	6.778	96	44608	22.00	ug/l	94
28) Bromochloromethane	7.151	49	30942	22.74	ug/l #	80
29) Tetrahydrofuran	7.174	42	84477	123.52	ug/l	95
30) Chloroform	7.328	83	67127	20.88	ug/l	100
31) Cyclohexane	7.608	56	72277	23.30	ug/l	93
32) 1,1,1-Trichloroethane	7.528	97	55054	20.65	ug/l	98
36) 1,1-Dichloropropene	7.749	75	53818	20.02	ug/l	96
37) Ethyl Acetate	6.888	43	54879	22.44	ug/l	99
38) Carbon Tetrachloride	7.730	117	45802	17.77	ug/l	99
39) Methylcyclohexane	9.045	83	63258	19.80	ug/l	93
40) Benzene	8.000	78	167371	19.91	ug/l	100
41) Methacrylonitrile	7.122	41	26560	22.14	ug/l #	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 1,2-Dichloroethane	8.084	62	51604	18.68	ug/l		99
43) Isopropyl Acetate	8.129	43	92979	22.82	ug/l	#	92
44) Trichloroethene	8.798	130	40559	17.52	ug/l		94
45) 1,2-Dichloropropane	9.084	63	45760	21.35	ug/l		99
46) Dibromomethane	9.174	93	26038	18.35	ug/l		90
47) Bromodichloromethane	9.367	83	53067	19.29	ug/l		98
48) Methyl methacrylate	9.164	41	43102	22.33	ug/l		93
49) 1,4-Dioxane	9.171	88	15129	508.98	ug/l		92
51) 4-Methyl-2-Pentanone	9.952	43	259818	108.58	ug/l		100
52) Toluene	10.122	92	99202	19.29	ug/l		98
53) t-1,3-Dichloropropene	10.351	75	63518	21.02	ug/l		98
54) cis-1,3-Dichloropropene	9.807	75	71595	21.52	ug/l		97
55) 1,1,2-Trichloroethane	10.531	97	38261	18.86	ug/l		96
56) Ethyl methacrylate	10.399	69	62628	21.81	ug/l		94
57) 1,3-Dichloropropane	10.675	76	67426	20.20	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.659	63	146154	109.65	ug/l		93
59) 2-Hexanone	10.720	43	179655	105.47	ug/l		99
60) Dibromochloromethane	10.872	129	38395	17.88	ug/l		100
61) 1,2-Dibromoethane	10.974	107	37682	18.10	ug/l		100
64) Tetrachloroethene	10.598	164	39119	16.99	ug/l		96
65) Chlorobenzene	11.402	112	98714	18.68	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.479	131	35409	18.41	ug/l		97
67) Ethyl Benzene	11.479	91	184838	19.90	ug/l		97
68) m/p-Xylenes	11.592	106	133671	37.89	ug/l		96
69) o-Xylene	11.916	106	65212	19.20	ug/l		95
70) Styrene	11.933	104	107987	19.43	ug/l		98
71) Bromoform	12.097	173	25027	17.66	ug/l	#	99
73) Isopropylbenzene	12.219	105	170613	21.69	ug/l		99
74) N-amyl acetate	12.042	43	72999	25.04	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.476	83	50144	21.98	ug/l		98
76) 1,2,3-Trichloropropane	12.524	75	51743m	23.62	ug/l		
77) Bromobenzene	12.495	156	37089	18.16	ug/l		75
78) n-propylbenzene	12.560	91	198537	22.00	ug/l		96
79) 2-Chlorotoluene	12.643	91	118256	21.96	ug/l		95
80) 1,3,5-Trimethylbenzene	12.704	105	144641	21.55	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.270	75	20220	27.85	ug/l		91
82) 4-Chlorotoluene	12.743	91	117908	21.27	ug/l		95
83) tert-Butylbenzene	12.965	119	119806	21.00	ug/l		98
84) 1,2,4-Trimethylbenzene	13.010	105	144584	21.72	ug/l		100
85) sec-Butylbenzene	13.142	105	160761	21.39	ug/l		98
86) p-Isopropyltoluene	13.260	119	143698	21.13	ug/l		99
87) 1,3-Dichlorobenzene	13.254	146	64147	17.84	ug/l		97
88) 1,4-Dichlorobenzene	13.334	146	63339	17.40	ug/l		95
89) n-Butylbenzene	13.585	91	124916	21.26	ug/l		98
90) Hexachloroethane	13.842	117	25145	22.09	ug/l		95
91) 1,2-Dichlorobenzene	13.624	146	65072	18.15	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.241	75	9691	23.65	ug/l		87
93) 1,2,4-Trichlorobenzene	14.878	180	31943	18.29	ug/l		100
94) Hexachlorobutadiene	14.977	225	16316	16.31	ug/l		99
95) Naphthalene	15.100	128	98220	19.74	ug/l		99
96) 1,2,3-Trichlorobenzene	15.280	180	32485	18.45	ug/l		100

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