Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061820\
Data File : VN061920.D
Acq On : 19 Jun 2020 00:29
Operator : JC/MD
Sample : VN0618WBSD02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0618WBSD02

Manual Integrations APPROVED
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6/19/2020 1:02:36 PM

Quant Time: Jun 19 07:09:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	141518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	252985	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	232540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	105077	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	102426	53.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.94%			
35) Dibromofluoromethane	7.55	113	86005	53.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.28%			
50) Toluene-d8	10.06	98	320093	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.62%			
62) 4-Bromofluorobenzene	12.37	95	104639	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.88%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	37741	20.668	ug/l	98
3) Chloromethane	2.03	50	43033	21.907	ug/l	99
4) Vinyl Chloride	2.16	62	51366	21.935	ug/l	99
5) Bromomethane	2.53	94	37136	20.651	ug/l	95
6) Chloroethane	2.67	64	34185	21.570	ug/l	97
7) Trichlorofluoromethane	2.98	101	53477	19.118	ug/l	100
8) Diethyl Ether	3.37	74	21473	22.835	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	28297	19.719	ug/l	99
10) Methyl Iodide	3.91	142	35993	23.890	ug/l	98
11) Tert butyl alcohol	4.73	59	27466	104.577	ug/l	100
12) 1,1-Dichloroethene	3.70	96	30350	21.107	ug/l	96
13) Acrolein	3.57	56	13044	83.097	ug/l	99
14) Allyl chloride	4.28	41	39023	20.448	ug/l	99
15) Acrylonitrile	4.93	53	72769	111.818	ug/l	99
16) Acetone	3.78	43	58630	104.580	ug/l	99
17) Carbon Disulfide	4.01	76	83942	19.952	ug/l	99
18) Methyl Acetate	4.27	43	35989	22.297	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	102486	21.407	ug/l	98
20) Methylene Chloride	4.50	84	38065	20.840	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	34883	21.121	ug/l	97
22) Diisopropyl ether	5.90	45	94128	21.566	ug/l	97
23) Vinyl Acetate	5.84	43	363940	106.019	ug/l	99
24) 1,1-Dichloroethane	5.80	63	60889	21.311	ug/l	96
25) 2-Butanone	6.79	43	89043	108.861	ug/l	96
26) 2,2-Dichloropropane	6.78	77	39788	16.552	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	39987	20.983	ug/l	98
28) Bromochloromethane	7.15	49	26266	20.647	ug/l	99
29) Tetrahydrofuran	7.17	42	58514	108.701	ug/l	100
30) Chloroform	7.33	83	64644	21.170	ug/l	95
31) Cyclohexane	7.61	56	45689	18.267	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	52261	20.097	ug/l	99
36) 1,1-Dichloropropene	7.75	75	43537	18.868	ug/l	100
37) Ethyl Acetate	6.89	43	35691	19.807	ug/l	96
38) Carbon Tetrachloride	7.73	117	44522	19.484	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	9.05	83	44468	17.897 ug/l		98
40) Benzene	8.00	78	142517	20.389 ug/l		97
41) Methacrylonitrile	7.12	41	14138	18.348 ug/l	#	100
42) 1,2-Dichloroethane	8.08	62	49929	20.949 ug/l		100
43) Isopropyl Acetate	8.13	43	61945	20.399 ug/l	#	91
44) Trichloroethene	8.80	130	35865	19.496 ug/l		96
45) 1,2-Dichloropropane	9.08	63	35465	20.646 ug/l		99
46) Dibromomethane	9.17	93	25148	20.790 ug/l		98
47) Bromodichloromethane	9.37	83	50686	20.463 ug/l		95
48) Methyl methacrylate	9.17	41	27109	19.630 ug/l		97
49) 1,4-Dioxane	9.17	88	13478	425.099 ug/l		94
51) 4-Methyl-2-Pentanone	9.95	43	188962	105.302 ug/l		100
52) Toluene	10.12	92	87833	20.008 ug/l		98
53) t-1,3-Dichloropropene	10.35	75	49830	18.951 ug/l		96
54) cis-1,3-Dichloropropene	9.81	75	55569	19.457 ug/l		98
55) 1,1,2-Trichloroethane	10.53	97	37499	21.711 ug/l		99
56) Ethyl methacrylate	10.40	69	47073	19.709 ug/l		98
57) 1,3-Dichloropropane	10.68	76	60583	20.704 ug/l		99
58) 2-Chloroethyl Vinyl ether	9.66	63	82190	90.164 ug/l		99
59) 2-Hexanone	10.72	43	135145	102.619 ug/l		97
60) Dibromochloromethane	10.87	129	39287	20.385 ug/l		99
61) 1,2-Dibromoethane	10.98	107	36883	20.450 ug/l		99
64) Tetrachloroethene	10.60	164	29643	20.000 ug/l		97
65) Chlorobenzene	11.41	112	94296	19.217 ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.48	131	35306	20.631 ug/l		100
67) Ethyl Benzene	11.48	91	157315	19.122 ug/l		100
68) m/p-Xylenes	11.60	106	122601	38.647 ug/l		100
69) o-Xylene	11.92	106	59356	19.610 ug/l		100
70) Styrene	11.94	104	98655	19.466 ug/l		99
71) Bromoform	12.10	173	25276	20.256 ug/l	#	98
73) Isopropylbenzene	12.22	105	149722	20.051 ug/l		98
74) N-amyl acetate	12.05	43	48288	19.827 ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.48	83	52406	21.587 ug/l		100
76) 1,2,3-Trichloropropane	12.53	75	46219m	22.405 ug/l		
77) Bromobenzene	12.50	156	39788	21.121 ug/l		98
78) n-propylbenzene	12.56	91	166472	19.539 ug/l		99
79) 2-Chlorotoluene	12.65	91	104388	20.400 ug/l		99
80) 1,3,5-Trimethylbenzene	12.71	105	125293	20.282 ug/l		99
81) trans-1,4-Dichloro-2-buten	12.27	75	14225	18.807 ug/l		97
82) 4-Chlorotoluene	12.75	91	106623	20.165 ug/l		99
83) tert-Butylbenzene	12.97	119	102929	19.654 ug/l		98
84) 1,2,4-Trimethylbenzene	13.01	105	123802	20.302 ug/l		99
85) sec-Butylbenzene	13.15	105	136907	19.972 ug/l		99
86) p-Isopropyltoluene	13.26	119	119434	19.553 ug/l		99
87) 1,3-Dichlorobenzene	13.26	146	67552	19.661 ug/l		99
88) 1,4-Dichlorobenzene	13.34	146	68068	19.354 ug/l		99
89) n-Butylbenzene	13.59	91	92145	18.063 ug/l		100
90) Hexachloroethane	13.85	117	22514	20.136 ug/l		95
91) 1,2-Dichlorobenzene	13.63	146	67977	20.551 ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	8504	21.577 ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	29667	19.008	ug/l	99
94) Hexachlorobutadiene	14.98	225	11803	19.200	ug/l	97
95) Naphthalene	15.10	128	87798	19.111	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	30811	19.933	ug/l	99

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

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