Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN063020\
Data File : VN062230.D
Acq On : 30 Jun 2020 10:53
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050

Manual Integrations APPROVED
MMDadoda
7/1/2020 9:57:26 AM

Quant Time: Jul 01 03:53:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	230949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	404545	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	382322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	182995	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	164240	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.36%			
35) Dibromofluoromethane	7.54	113	128660	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.14%			
50) Toluene-d8	10.06	98	511027	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.52%			
62) 4-Bromofluorobenzene	12.37	95	173435	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.96%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	120000	45.969	ug/l	97
3) Chloromethane	2.03	50	150778	49.035	ug/l	99
4) Vinyl Chloride	2.16	62	180536	43.916	ug/l	97
5) Bromomethane	2.52	94	122379	46.061	ug/l	98
6) Chloroethane	2.66	64	126380	45.003	ug/l	99
7) Trichlorofluoromethane	2.98	101	226242	44.663	ug/l	98
8) Diethyl Ether	3.37	74	92568	52.333	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	131143	49.438	ug/l	97
10) Methyl Iodide	3.91	142	155315	51.989	ug/l	99
11) Tert butyl alcohol	4.73	59	119224	256.212	ug/l	99
12) 1,1-Dichloroethene	3.69	96	126876	47.844	ug/l	99
13) Acrolein	3.56	56	133049	292.037	ug/l	99
14) Allyl chloride	4.27	41	193428	53.574	ug/l	98
15) Acrylonitrile	4.92	53	349402	275.542	ug/l	100
16) Acetone	3.77	43	304015	299.649	ug/l	96
17) Carbon Disulfide	4.00	76	357261	47.038	ug/l	100
18) Methyl Acetate	4.27	43	144007	55.895	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	451915	53.331	ug/l	99
20) Methylene Chloride	4.50	84	157194	52.847	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	141941	46.985	ug/l	92
22) Diisopropyl ether	5.90	45	450836	54.842	ug/l	99
23) Vinyl Acetate	5.84	43	1887088	281.163	ug/l	98
24) 1,1-Dichloroethane	5.79	63	271794	51.343	ug/l	99
25) 2-Butanone	6.78	43	442986	279.636	ug/l	98
26) 2,2-Dichloropropane	6.77	77	222583	50.458	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	165914	48.807	ug/l	97
28) Bromochloromethane	7.15	49	114973	50.058	ug/l	93
29) Tetrahydrofuran	7.16	42	289633	279.112	ug/l	98
30) Chloroform	7.32	83	270813	50.282	ug/l	100
31) Cyclohexane	7.61	56	221472	49.461	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	223947	49.305	ug/l	99
36) 1,1-Dichloropropene	7.75	75	201961	49.667	ug/l	99
37) Ethyl Acetate	6.88	43	187269	55.617	ug/l	98
38) Carbon Tetrachloride	7.73	117	185357	48.350	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.04	83	237172	53.233	ug/l		97
40) Benzene	8.00	78	624969	50.426	ug/l		99
41) Methacrylonitrile	7.13	41	89720m	57.476	ug/l		
42) 1,2-Dichloroethane	8.08	62	221396	52.872	ug/l		99
43) Isopropyl Acetate	8.12	43	309759	56.434	ug/l		99
44) Trichloroethene	8.80	130	146235	46.774	ug/l		98
45) 1,2-Dichloropropane	9.08	63	163262	53.395	ug/l		100
46) Dibromomethane	9.17	93	106214	51.235	ug/l		97
47) Bromodichloromethane	9.37	83	220661	52.716	ug/l		99
48) Methyl methacrylate	9.17	41	141299	57.413	ug/l		97
49) 1,4-Dioxane	9.17	88	55533	1017.507	ug/l		94
51) 4-Methyl-2-Pentanone	9.95	43	933593	291.116	ug/l		100
52) Toluene	10.12	92	388474	51.371	ug/l		98
53) t-1,3-Dichloropropene	10.35	75	247348	53.711	ug/l		99
54) cis-1,3-Dichloropropene	9.81	75	266522	54.360	ug/l		99
55) 1,1,2-Trichloroethane	10.53	97	158002	53.153	ug/l		99
56) Ethyl methacrylate	10.40	69	228431	57.582	ug/l		96
57) 1,3-Dichloropropane	10.68	76	271699	53.102	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.66	63	440647	260.191	ug/l		98
59) 2-Hexanone	10.72	43	679315	293.348	ug/l		100
60) Dibromochloromethane	10.87	129	162277	51.563	ug/l		98
61) 1,2-Dibromoethane	10.98	107	156069	51.096	ug/l		99
64) Tetrachloroethene	10.60	164	117128	44.849	ug/l		98
65) Chlorobenzene	11.40	112	407232	48.504	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.48	131	142895	49.220	ug/l		99
67) Ethyl Benzene	11.48	91	741423	52.288	ug/l		98
68) m/p-Xylenes	11.59	106	563697	102.782	ug/l		97
69) o-Xylene	11.92	106	270687	52.311	ug/l		96
70) Styrene	11.94	104	461213	53.444	ug/l		99
71) Bromoform	12.10	173	103920	50.345	ug/l	#	99
73) Isopropylbenzene	12.22	105	713011	50.335	ug/l		100
74) N-amyl acetate	12.04	43	274641	52.491	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.48	83	235985	50.062	ug/l		99
76) 1,2,3-Trichloropropane	12.53	75	194008m	45.036	ug/l		
77) Bromobenzene	12.50	156	163249	46.420	ug/l		92
78) n-propylbenzene	12.56	91	852179	52.594	ug/l		98
79) 2-Chlorotoluene	12.65	91	493314	50.362	ug/l		97
80) 1,3,5-Trimethylbenzene	12.71	105	595508	51.859	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.27	75	78762	53.394	ug/l		99
82) 4-Chlorotoluene	12.75	91	522065	51.539	ug/l		97
83) tert-Butylbenzene	12.97	119	498068	50.682	ug/l		97
84) 1,2,4-Trimethylbenzene	13.01	105	602953	52.574	ug/l		99
85) sec-Butylbenzene	13.15	105	708433	54.555	ug/l		98
86) p-Isopropyltoluene	13.26	119	628005	55.200	ug/l		99
87) 1,3-Dichlorobenzene	13.26	146	304446	49.299	ug/l		100
88) 1,4-Dichlorobenzene	13.34	146	304050	47.764	ug/l		99
89) n-Butylbenzene	13.59	91	542885	57.396	ug/l		99
90) Hexachloroethane	13.85	117	115423	51.710	ug/l		98
91) 1,2-Dichlorobenzene	13.63	146	293514	49.014	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	40586	53.747	ug/l		94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	136894	52.329 ug/l	99
94) Hexachlorobutadiene	14.99	225	62280	54.813 ug/l	99
95) Naphthalene	15.10	128	396887	45.861 ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	135432	50.630 ug/l	98

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

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