Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080919\
Data File : VN057135.D
Acq On : 9 Aug 2019 10:23
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
MMDadoda
8/12/2019 3:32:02 PM

Quant Time: Aug 10 02:21:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:49:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.05	168	1114857	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.01	114	1606990	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.90	117	1440457	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.87	152	612553	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.44	65	518268	45.20	ug/l		0.00
Spiked Amount 50.000			Recovery =	90.40%			
35) Dibromofluoromethane	6.99	113	483146	47.91	ug/l		0.00
Spiked Amount 50.000			Recovery =	95.82%			
50) Toluene-d8	9.56	98	1820942	47.20	ug/l		0.00
Spiked Amount 50.000			Recovery =	94.40%			
62) 4-Bromofluorobenzene	11.92	95	613127	49.32	ug/l		0.00
Spiked Amount 50.000			Recovery =	98.64%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.82	85	415022	46.317	ug/l		100
3) Chloromethane	2.00	50	530238	44.537	ug/l		99
4) Vinyl Chloride	2.11	62	521067	47.086	ug/l		99
5) Bromomethane	2.43	94	369316	49.116	ug/l		100
6) Chloroethane	2.55	64	348416	49.085	ug/l		98
7) Trichlorofluoromethane	2.82	101	772167	48.543	ug/l		100
8) Diethyl Ether	3.14	74	303615	49.403	ug/l		99
9) 1,1,2-Trichlorotrifluoroet	3.44	101	476744	49.440	ug/l		99
10) Methyl Iodide	3.62	142	744609	51.099	ug/l		100
11) Tert butyl alcohol	4.23	59	374715	229.662	ug/l		99
12) 1,1-Dichloroethene	3.43	96	472614	49.820	ug/l		99
13) Acrolein	3.31	56	210711	204.143	ug/l		98
14) Allyl chloride	3.91	41	689923	50.045	ug/l		100
15) Acrylonitrile	4.44	53	1113132	252.080	ug/l		98
16) Acetone	3.47	43	954043	275.529	ug/l		98
17) Carbon Disulfide	3.72	76	1239397	49.111	ug/l		99
18) Methyl Acetate	3.89	43	530105	51.402	ug/l		99
19) Methyl tert-butyl Ether	4.49	73	1480290	51.688	ug/l		98
20) Methylene Chloride	4.10	84	546396	47.814	ug/l		97
21) trans-1,2-Dichloroethene	4.51	96	514928	49.829	ug/l		97
22) Diisopropyl ether	5.32	45	1495115	49.720	ug/l		96
23) Vinyl Acetate	5.26	43	6013162	261.136	ug/l		99
24) 1,1-Dichloroethane	5.25	63	908563	49.150	ug/l		97
25) 2-Butanone	6.20	43	1415525	267.570	ug/l		99
26) 2,2-Dichloropropane	6.21	77	734017	54.579	ug/l		100
27) cis-1,2-Dichloroethene	6.21	96	605824	51.174	ug/l		99
28) Bromochloromethane	6.59	49	406988	47.866	ug/l		97
29) Tetrahydrofuran	6.60	42	907977	254.779	ug/l		100
30) Chloroform	6.76	83	937282	48.989	ug/l		99
31) Cyclohexane	7.07	56	778857	46.832	ug/l		100
32) 1,1,1-Trichloroethane	6.98	97	813968	50.715	ug/l		100
36) 1,1-Dichloropropene	7.20	75	699861	52.895	ug/l		99
37) Ethyl Acetate	6.28	43	574236	52.649	ug/l	#	100
38) Carbon Tetrachloride	7.18	117	711044	51.565	ug/l		94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.52	83	840428	52.232	ug/l	96
40) Benzene	7.46	78	2149627	51.320	ug/l	99
41) Methacrylonitrile	6.54	41	303716	54.819	ug/l	98
42) 1,2-Dichloroethane	7.54	62	676441	50.637	ug/l	98
43) Isopropyl Acetate	7.56	43	976860	52.482	ug/l	98
44) Trichloroethene	8.27	130	605198	51.573	ug/l	99
45) 1,2-Dichloropropane	8.56	63	564439	52.044	ug/l	97
46) Dibromomethane	8.65	93	362717	52.160	ug/l	99
47) Bromodichloromethane	8.85	83	727921	54.099	ug/l	99
48) Methyl methacrylate	8.64	41	447925	51.035	ug/l	99
49) 1,4-Dioxane	8.64	88	195379	1092.986	ug/l	97
51) 4-Methyl-2-Pentanone	9.44	43	2824695	260.756	ug/l	98
52) Toluene	9.63	92	1367489	52.596	ug/l	100
53) t-1,3-Dichloropropene	9.86	75	784626	55.818	ug/l	97
54) cis-1,3-Dichloropropene	9.30	75	890693	55.221	ug/l	99
55) 1,1,2-Trichloroethane	10.04	97	526757	51.521	ug/l	99
56) Ethyl methacrylate	9.90	69	771515	53.894	ug/l	100
57) 1,3-Dichloropropane	10.19	76	878330	52.094	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.15	63	1341456	235.793	ug/l	99
59) 2-Hexanone	10.24	43	2021286	275.700	ug/l	100
60) Dibromochloromethane	10.39	129	590774	55.018	ug/l	99
61) 1,2-Dibromoethane	10.50	107	546052	51.757	ug/l	98
64) Tetrachloroethene	10.11	164	611955	51.084	ug/l	97
65) Chlorobenzene	10.93	112	1498472	51.702	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.01	131	566782	52.307	ug/l	99
67) Ethyl Benzene	11.01	91	2628491	52.694	ug/l	100
68) m/p-Xylenes	11.12	106	1987915	108.174	ug/l	99
69) o-Xylene	11.46	106	965618	52.796	ug/l	100
70) Styrene	11.47	104	1600414	56.023	ug/l	99
71) Bromoform	11.64	173	441747	55.655	ug/l	99
73) Isopropylbenzene	11.76	105	2609075	52.423	ug/l	99
74) N-amyl acetate	11.58	43	770608	49.644	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.02	83	714088	53.776	ug/l	100
76) 1,2,3-Trichloropropane	12.08	75	616703m	51.684	ug/l	
77) Bromobenzene	12.04	156	679890	46.178	ug/l	99
78) n-propylbenzene	12.11	91	2835562	48.252	ug/l	100
79) 2-Chlorotoluene	12.19	91	1714131	52.447	ug/l	100
80) 1,3,5-Trimethylbenzene	12.26	105	2194355	46.401	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.82	75	218416	52.428	ug/l	98
82) 4-Chlorotoluene	12.30	91	1651197	48.527	ug/l	100
83) tert-Butylbenzene	12.52	119	1912024	51.345	ug/l	99
84) 1,2,4-Trimethylbenzene	12.57	105	2087268	45.663	ug/l	99
85) sec-Butylbenzene	12.70	105	2483254	46.530	ug/l	99
86) p-Isopropyltoluene	12.82	119	2221105	47.429	ug/l	99
87) 1,3-Dichlorobenzene	12.81	146	1090279	52.014	ug/l	99
88) 1,4-Dichlorobenzene	12.89	146	1023676	51.544	ug/l	99
89) n-Butylbenzene	13.15	91	1629851	50.376	ug/l	99
90) Hexachloroethane	13.41	117	388001	52.164	ug/l	100
91) 1,2-Dichlorobenzene	13.19	146	1066847	50.968	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.81	75	107833	50.078	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.45	180	440190	49.634	ug/l	100
94) Hexachlorobutadiene	14.55	225	446262	61.994	ug/l	98
95) Naphthalene	14.67	128	867854	49.027	ug/l	99
96) 1,2,3-Trichlorobenzene	14.83	180	427130	46.919	ug/l	98

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

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