Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101719\
Data File : VN058815.D
Acq On : 17 Oct 2019 10:01
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050

Manual Integrations APPROVED
MMDadoda
10/18/2019 3:25:50 PM

Quant Time: Oct 18 01:40:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	398211	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	641105	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	594380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	292189	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	280100	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.48%			
35) Dibromofluoromethane	7.57	113	202311	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.18%			
50) Toluene-d8	10.08	98	792348	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.08%			
62) 4-Bromofluorobenzene	12.40	95	300892	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	248345	50.075	ug/l	98
3) Chloromethane	2.04	50	288317	48.889	ug/l	100
4) Vinyl Chloride	2.17	62	304793	51.891	ug/l	100
5) Bromomethane	2.53	94	186118	52.088	ug/l	100
6) Chloroethane	2.68	64	188135	51.928	ug/l	99
7) Trichlorofluoromethane	3.00	101	368192	52.378	ug/l	100
8) Diethyl Ether	3.39	74	135002	51.978	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	206409	51.497	ug/l	97
10) Methyl Iodide	3.93	142	275701	50.406	ug/l	100
11) Tert butyl alcohol	4.76	59	242172	268.227	ug/l	100
12) 1,1-Dichloroethene	3.72	96	195536	51.131	ug/l	96
13) Acrolein	3.58	56	159101	219.108	ug/l	99
14) Allyl chloride	4.30	41	407547	52.808	ug/l	98
15) Acrylonitrile	4.96	53	642199	282.053	ug/l	99
16) Acetone	3.79	43	745109	322.841	ug/l	99
17) Carbon Disulfide	4.03	76	578202	47.299	ug/l	99
18) Methyl Acetate	4.30	43	333528	56.971	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	737682	54.020	ug/l	97
20) Methylene Chloride	4.53	84	239605	49.674	ug/l	98
21) trans-1,2-Dichloroethene	5.02	96	217350	50.810	ug/l	99
22) Diisopropyl ether	5.92	45	821266	54.731	ug/l	96
23) Vinyl Acetate	5.87	43	3539076	292.292	ug/l	100
24) 1,1-Dichloroethane	5.82	63	447833	52.402	ug/l	99
25) 2-Butanone	6.81	43	975189	292.329	ug/l	98
26) 2,2-Dichloropropane	6.80	77	401213	51.429	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	250736	50.265	ug/l	99
28) Bromochloromethane	7.17	49	157229	52.883	ug/l	96
29) Tetrahydrofuran	7.19	42	607812	281.945	ug/l	99
30) Chloroform	7.35	83	440678	51.323	ug/l	100
31) Cyclohexane	7.63	56	397719	48.638	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	387332	52.895	ug/l	100
36) 1,1-Dichloropropene	7.77	75	334791	51.649	ug/l	99
37) Ethyl Acetate	6.90	43	380139	57.988	ug/l	98
38) Carbon Tetrachloride	7.75	117	334787	52.994	ug/l	99

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.07	83	383228	50.950	ug/l		99
40) Benzene	8.02	78	977747	52.521	ug/l		99
41) Methacrylonitrile	7.16	41	157508m	51.328	ug/l		
42) 1,2-Dichloroethane	8.11	62	378520	52.924	ug/l		100
43) Isopropyl Acetate	8.15	43	610227	54.643	ug/l		100
44) Trichloroethene	8.82	130	237739	51.425	ug/l		98
45) 1,2-Dichloropropane	9.11	63	269098	53.997	ug/l		99
46) Dibromomethane	9.20	93	167864	53.127	ug/l		100
47) Bromodichloromethane	9.39	83	354856	55.152	ug/l		99
48) Methyl methacrylate	9.19	41	283399	55.984	ug/l		100
49) 1,4-Dioxane	9.19	88	87981	1123.438	ug/l		95
51) 4-Methyl-2-Pentanone	9.98	43	1918231	305.848	ug/l		100
52) Toluene	10.15	92	594760	52.236	ug/l		98
53) t-1,3-Dichloropropene	10.38	75	406884	55.136	ug/l		98
54) cis-1,3-Dichloropropene	9.83	75	429157	54.773	ug/l		99
55) 1,1,2-Trichloroethane	10.56	97	236735	50.799	ug/l		99
56) Ethyl methacrylate	10.43	69	393895	57.855	ug/l		99
57) 1,3-Dichloropropane	10.70	76	427158	53.789	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.69	63	902117	274.947	ug/l		100
59) 2-Hexanone	10.75	43	1471780	303.654	ug/l		100
60) Dibromochloromethane	10.90	129	265552	55.238	ug/l		99
61) 1,2-Dibromoethane	11.00	107	253917	54.386	ug/l		98
64) Tetrachloroethene	10.63	164	210008	50.487	ug/l		96
65) Chlorobenzene	11.43	112	633856	52.512	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.51	131	240768	53.942	ug/l		100
67) Ethyl Benzene	11.51	91	1183441	55.001	ug/l		100
68) m/p-Xylenes	11.62	106	874595	108.313	ug/l		99
69) o-Xylene	11.95	106	414945	53.114	ug/l		99
70) Styrene	11.97	104	701158	54.758	ug/l		99
71) Bromoform	12.13	173	189499	57.922	ug/l	#	99
73) Isopropylbenzene	12.25	105	1159319	54.786	ug/l		100
74) N-amyl acetate	12.07	43	545555	57.402	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.51	83	379083	54.379	ug/l		100
76) 1,2,3-Trichloropropane	12.56	75	371819m	58.007	ug/l		
77) Bromobenzene	12.53	156	269479	52.356	ug/l		98
78) n-propylbenzene	12.59	91	1383257	56.097	ug/l		99
79) 2-Chlorotoluene	12.68	91	809602	52.899	ug/l		100
80) 1,3,5-Trimethylbenzene	12.74	105	979452	54.215	ug/l		98
81) trans-1,4-Dichloro-2-buten	12.30	75	135784	56.744	ug/l		99
82) 4-Chlorotoluene	12.78	91	845801	53.855	ug/l		100
83) tert-Butylbenzene	13.00	119	830725	53.676	ug/l		99
84) 1,2,4-Trimethylbenzene	13.04	105	988597	55.122	ug/l		100
85) sec-Butylbenzene	13.18	105	1144686	56.131	ug/l		100
86) p-Isopropyltoluene	13.29	119	1029046	55.521	ug/l		99
87) 1,3-Dichlorobenzene	13.29	146	494533	52.099	ug/l		98
88) 1,4-Dichlorobenzene	13.37	146	497263	51.524	ug/l		99
89) n-Butylbenzene	13.62	91	941781	54.953	ug/l		100
90) Hexachloroethane	13.88	117	187115	56.421	ug/l		98
91) 1,2-Dichlorobenzene	13.66	146	486623	52.600	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	83220	51.100	ug/l		97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	289592	51.314	ug/l	100
94) Hexachlorobutadiene	15.02	225	153209	51.552	ug/l	97
95) Naphthalene	15.13	128	870076	53.644	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	284467	51.628	ug/l	100

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

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