Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100920\
Data File : VN064050.D
Acq On : 9 Oct 2020 20:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050

Manual Integrations APPROVED
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10/12/2020 2:10:11 PM

Quant Time: Oct 10 02:45:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	238152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	389327	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	369265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	174137	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	188994	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.08%			
35) Dibromofluoromethane	7.55	113	134503	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.58%			
50) Toluene-d8	10.06	98	507400	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.10%			
62) 4-Bromofluorobenzene	12.38	95	189427	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.42%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	112421	44.737	ug/l	99
3) Chloromethane	2.04	50	137284	46.560	ug/l	99
4) Vinyl Chloride	2.16	62	138050	46.643	ug/l	99
5) Bromomethane	2.52	94	79921	42.930	ug/l	98
6) Chloroethane	2.67	64	90631	51.245	ug/l	97
7) Trichlorofluoromethane	2.98	101	226019	48.150	ug/l	99
8) Diethyl Ether	3.38	74	80212	50.526	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.72	101	123444	49.202	ug/l	99
10) Methyl Iodide	3.91	142	148996	51.146	ug/l	97
11) Tert butyl alcohol	4.73	59	125132	288.074	ug/l	99
12) 1,1-Dichloroethene	3.70	96	118541	49.430	ug/l	99
13) Acrolein	3.57	56	99660	373.826	ug/l	99
14) Allyl chloride	4.28	41	246428	55.312	ug/l	90
15) Acrylonitrile	4.93	53	379467	305.192	ug/l	99
16) Acetone	3.77	43	343984	284.015	ug/l	99
17) Carbon Disulfide	4.01	76	308571	47.640	ug/l	98
18) Methyl Acetate	4.28	43	199277	63.371	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	462420	53.074	ug/l	99
20) Methylene Chloride	4.51	84	149010	53.707	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	131583	48.986	ug/l	98
22) Diisopropyl ether	5.90	45	544206	59.369	ug/l	98
23) Vinyl Acetate	5.84	43	2207234	290.688	ug/l	99
24) 1,1-Dichloroethane	5.80	63	279421	53.313	ug/l	98
25) 2-Butanone	6.78	43	530773	309.109	ug/l	97
26) 2,2-Dichloropropane	6.78	77	219209	45.671	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	155735	50.411	ug/l	98
28) Bromochloromethane	7.15	49	142048	54.836	ug/l	95
29) Tetrahydrofuran	7.17	42	366935	318.616	ug/l	94
30) Chloroform	7.33	83	288165	52.731	ug/l	95
31) Cyclohexane	7.61	56	223715	48.978	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	254527	51.637	ug/l	98
36) 1,1-Dichloropropene	7.76	75	200084	50.728	ug/l	99
37) Ethyl Acetate	6.88	43	224800	57.366	ug/l	98
38) Carbon Tetrachloride	7.74	117	220441	49.841	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.05	83	186043	47.299	ug/l		99
40) Benzene	8.00	78	592572	52.599	ug/l		99
41) Methacrylonitrile	7.13	41	89502m	51.390	ug/l		
42) 1,2-Dichloroethane	8.09	62	240851	50.084	ug/l		100
43) Isopropyl Acetate	8.13	43	374642	57.961	ug/l		99
44) Trichloroethene	8.80	130	144968	49.112	ug/l		97
45) 1,2-Dichloropropane	9.08	63	170460	56.026	ug/l		99
46) Dibromomethane	9.18	93	106370	50.679	ug/l		99
47) Bromodichloromethane	9.37	83	232245	53.690	ug/l		99
48) Methyl methacrylate	9.17	41	190783	59.742	ug/l		91
49) 1,4-Dioxane	9.16	88	48724	1073.541	ug/l		96
51) 4-Methyl-2-Pentanone	9.95	43	1193736	314.705	ug/l		99
52) Toluene	10.13	92	368660	52.905	ug/l		100
53) t-1,3-Dichloropropene	10.35	75	245141	52.868	ug/l		98
54) cis-1,3-Dichloropropene	9.81	75	257967	53.196	ug/l		94
55) 1,1,2-Trichloroethane	10.53	97	153593	54.962	ug/l		97
56) Ethyl methacrylate	10.40	69	228381	57.656	ug/l		95
57) 1,3-Dichloropropane	10.68	76	260941	55.192	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.66	63	614263	289.904	ug/l		98
59) 2-Hexanone	10.72	43	869048	308.412	ug/l		100
60) Dibromochloromethane	10.87	129	171611	52.731	ug/l		100
61) 1,2-Dibromoethane	10.98	107	157654	55.151	ug/l		99
64) Tetrachloroethene	10.60	164	132915	46.524	ug/l		98
65) Chlorobenzene	11.41	112	384807	50.801	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.48	131	156730	53.971	ug/l		100
67) Ethyl Benzene	11.49	91	725386	52.628	ug/l		99
68) m/p-Xylenes	11.59	106	529526	103.080	ug/l		97
69) o-Xylene	11.92	106	247721	51.593	ug/l		97
70) Styrene	11.94	104	441741	54.200	ug/l		100
71) Bromoform	12.10	173	118309	53.269	ug/l	#	98
73) Isopropylbenzene	12.23	105	682736	53.753	ug/l		100
74) N-amyl acetate	12.05	43	324698	54.780	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.48	83	220082	56.664	ug/l		97
76) 1,2,3-Trichloropropane	12.53	75	211157m	55.008	ug/l		
77) Bromobenzene	12.50	156	165446	53.085	ug/l		96
78) n-propylbenzene	12.57	91	789634	53.419	ug/l		100
79) 2-Chlorotoluene	12.65	91	487876	53.665	ug/l		100
80) 1,3,5-Trimethylbenzene	12.71	105	577555	54.201	ug/l		98
81) trans-1,4-Dichloro-2-buten	12.28	75	71706	53.801	ug/l		97
82) 4-Chlorotoluene	12.75	91	516841	54.764	ug/l		100
83) tert-Butylbenzene	12.97	119	459552	52.724	ug/l		99
84) 1,2,4-Trimethylbenzene	13.02	105	590016	55.459	ug/l		97
85) sec-Butylbenzene	13.15	105	613993	53.632	ug/l		100
86) p-Isopropyltoluene	13.26	119	542115	53.528	ug/l		99
87) 1,3-Dichlorobenzene	13.26	146	296588	52.602	ug/l		98
88) 1,4-Dichlorobenzene	13.34	146	296380	50.484	ug/l		100
89) n-Butylbenzene	13.59	91	464394	49.681	ug/l		100
90) Hexachloroethane	13.85	117	104408	53.201	ug/l		96
91) 1,2-Dichlorobenzene	13.63	146	299784	53.680	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	48979	53.772	ug/l		97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	137428	45.420	ug/l	99
94) Hexachlorobutadiene	14.98	225	80450	53.126	ug/l	99
95) Naphthalene	15.11	128	418883	44.789	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	143606	48.796	ug/l	98

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

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