Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111020\
Data File : VN064542.D
Acq On : 10 Nov 2020 21:50
Operator : JC/MD
Sample : L4684-10MSD
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-498-500MSD

Manual Integrations APPROVED
MMDadoda
11/11/2020 1:02:13 PM

Quant Time: Nov 11 03:39:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	312708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	556219	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	522047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	250171	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	265576	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.52%			
35) Dibromofluoromethane	7.55	113	182199	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.22%			
50) Toluene-d8	10.06	98	690675	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.38%			
62) 4-Bromofluorobenzene	12.38	95	263311	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.14%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	191798	47.117	ug/l	99
3) Chloromethane	2.04	50	239690	48.477	ug/l	99
4) Vinyl Chloride	2.17	62	255355	50.292	ug/l	99
5) Bromomethane	2.53	94	160767	49.563	ug/l	98
6) Chloroethane	2.67	64	163807	50.390	ug/l	100
7) Trichlorofluoromethane	2.99	101	373640	49.975	ug/l	99
8) Diethyl Ether	3.38	74	133983	50.746	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	168247	47.388	ug/l	99
10) Methyl Iodide	3.91	142	207808	50.372	ug/l	99
11) Tert butyl alcohol	4.75	59	159073	264.822	ug/l	99
12) 1,1-Dichloroethene	3.69	96	251651	75.247	ug/l	95
13) Acrolein	3.57	56	135039	362.430	ug/l	97
14) Allyl chloride	4.28	41	315031	48.154	ug/l	99
15) Acrylonitrile	4.94	53	446266	266.848	ug/l	98
16) Acetone	3.78	43	587512	283.163	ug/l	100
17) Carbon Disulfide	4.01	76	487934	48.788	ug/l	100
18) Methyl Acetate	4.28	43	202501	49.644	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	601636	49.984	ug/l #	74
20) Methylene Chloride	4.51	84	212451	51.608	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	191104	50.327	ug/l	99
22) Diisopropyl ether	5.91	45	718917	51.768	ug/l	99
23) Vinyl Acetate	5.85	43	2816650	249.319	ug/l	99
24) 1,1-Dichloroethane	5.80	63	646697	84.744	ug/l	100
25) 2-Butanone	6.79	43	608561	230.200	ug/l	100
26) 2,2-Dichloropropane	6.78	77	289865	41.960	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	215860	49.059	ug/l	98
28) Bromochloromethane	7.15	49	183696	48.972	ug/l	99
29) Tetrahydrofuran	7.17	42	408515	251.871	ug/l	99
30) Chloroform	7.33	83	406287	50.649	ug/l	99
31) Cyclohexane	7.62	56	298965	45.152	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	390261	54.853	ug/l	98
36) 1,1-Dichloropropene	7.75	75	288741	49.139	ug/l	98
37) Ethyl Acetate	6.89	43	266383	44.748	ug/l	100
38) Carbon Tetrachloride	7.73	117	321461	51.188	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.05	83	256386	48.673	ug/l		100
40) Benzene	8.00	78	3582285	207.466	ug/l		100
41) Methacrylonitrile	7.13	41	124518	47.797	ug/l		94
42) 1,2-Dichloroethane	8.09	62	559056	80.230	ug/l		98
43) Isopropyl Acetate	8.13	43	476785	50.068	ug/l		98
44) Trichloroethene	8.80	130	214668	49.276	ug/l		99
45) 1,2-Dichloropropane	9.08	63	230638	50.060	ug/l		98
46) Dibromomethane	9.18	93	155735	51.349	ug/l		99
47) Bromodichloromethane	9.37	83	335533	51.452	ug/l		99
48) Methyl methacrylate	9.17	41	246240	51.245	ug/l		97
49) 1,4-Dioxane	9.17	88	67673	1069.240	ug/l		99
51) 4-Methyl-2-Pentanone	9.96	43	1411841	254.233	ug/l		100
52) Toluene	10.13	92	534235	50.728	ug/l		99
53) t-1,3-Dichloropropene	10.35	75	341277	49.363	ug/l		99
54) cis-1,3-Dichloropropene	9.81	75	347461	47.005	ug/l		99
55) 1,1,2-Trichloroethane	10.53	97	211641	51.530	ug/l		99
56) Ethyl methacrylate	10.40	69	305673	45.410	ug/l		99
57) 1,3-Dichloropropane	10.68	76	365311	50.958	ug/l		99
59) 2-Hexanone	10.72	43	1007635	222.957	ug/l		100
60) Dibromochloromethane	10.87	129	243817	53.022	ug/l		100
61) 1,2-Dibromoethane	10.98	107	218506	52.450	ug/l		99
64) Tetrachloroethene	10.60	164	191323	47.577	ug/l		96
65) Chlorobenzene	11.41	112	562550	49.155	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.48	131	223228	52.285	ug/l		99
67) Ethyl Benzene	11.49	91	1029541	50.575	ug/l		99
68) m/p-Xylenes	11.59	106	762054	103.223	ug/l		99
69) o-Xylene	11.92	106	454825	63.756	ug/l		99
70) Styrene	11.94	104	632139	52.659	ug/l		98
71) Bromoform	12.10	173	159410	49.732	ug/l	#	99
73) Isopropylbenzene	12.23	105	1037176	52.160	ug/l		100
74) N-amyl acetate	12.05	43	406926	42.385	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.48	83	307714	50.383	ug/l		98
76) 1,2,3-Trichloropropane	12.53	75	285614m	47.120	ug/l		
77) Bromobenzene	12.50	156	231157	47.616	ug/l		98
78) n-propylbenzene	12.57	91	1123381	49.554	ug/l		100
79) 2-Chlorotoluene	12.65	91	692621	48.172	ug/l		99
80) 1,3,5-Trimethylbenzene	12.71	105	815173	49.693	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.28	75	99158	45.676	ug/l		99
82) 4-Chlorotoluene	12.75	91	733259	48.697	ug/l		99
83) tert-Butylbenzene	12.97	119	643157	50.200	ug/l		98
84) 1,2,4-Trimethylbenzene	13.02	105	823205	49.920	ug/l		100
85) sec-Butylbenzene	13.15	105	836600	51.560	ug/l		100
86) p-Isopropyltoluene	13.26	119	751177	51.469	ug/l		99
87) 1,3-Dichlorobenzene	13.26	146	412061	49.102	ug/l		100
88) 1,4-Dichlorobenzene	13.34	146	417610	48.154	ug/l		98
89) n-Butylbenzene	13.59	91	628222	50.064	ug/l		100
90) Hexachloroethane	13.85	117	144978	51.495	ug/l		96
91) 1,2-Dichlorobenzene	13.63	146	404807	50.148	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	63307	52.062	ug/l		98
93) 1,2,4-Trichlorobenzene	14.88	180	181341	45.430	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	83810	50.995	ug/l	100
95) Naphthalene	15.10	128	581559	42.936	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	177379	45.913	ug/l	99

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

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