

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111020\
 Data File : VN064541.D
 Acq On : 10 Nov 2020 21:26
 Operator : JC/MD
 Sample : L4684-09MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 11/11/2020 1:02:10 PM

Quant Time: Nov 11 03:37:06 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	320605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	570964	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	531395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	254690	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	273265	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
35) Dibromofluoromethane	7.55	113	189944	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
50) Toluene-d8	10.06	98	708999	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.38%	
62) 4-Bromofluorobenzene	12.38	95	266775	46.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.90%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.84	85	194717	46.656	ug/l	100
3) Chloromethane	2.04	50	226535	44.688	ug/l	98
4) Vinyl Chloride	2.17	62	245895	47.236	ug/l	97
5) Bromomethane	2.53	94	152982	46.002	ug/l	98
6) Chloroethane	2.68	64	162135	48.647	ug/l	97
7) Trichlorofluoromethane	2.99	101	386292	50.395	ug/l	98
8) Diethyl Ether	3.38	74	136858	50.559	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	177110	48.656	ug/l	99
10) Methyl Iodide	3.91	142	218837	51.739	ug/l	99
11) Tert butyl alcohol	4.75	59	153258	248.857	ug/l	100
12) 1,1-Dichloroethene	3.70	96	222589	64.918	ug/l	99
13) Acrolein	3.57	56	133959	350.675	ug/l	95
14) Allyl chloride	4.28	41	314738	46.924	ug/l	99
15) Acrylonitrile	4.94	53	449420	262.115	ug/l	99
16) Acetone	3.78	43	422376	198.558	ug/l	97
17) Carbon Disulfide	4.01	76	488186	47.610	ug/l	97
18) Methyl Acetate	4.28	43	202078	48.320	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	612156	49.605	ug/l #	87
20) Methylene Chloride	4.50	84	210749	49.934	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	186820	47.987	ug/l	99
22) Diisopropyl ether	5.91	45	729786	51.256	ug/l	98
23) Vinyl Acetate	5.85	43	2867235	247.545	ug/l	99
24) 1,1-Dichloroethane	5.80	63	579280	74.040	ug/l	99
25) 2-Butanone	6.79	43	632600	233.399	ug/l	97
26) 2,2-Dichloropropane	6.78	77	298446	42.138	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	219818	48.727	ug/l	96
28) Bromochloromethane	7.15	49	179702	46.728	ug/l	98
29) Tetrahydrofuran	7.17	42	418927	251.929	ug/l	99
30) Chloroform	7.33	83	407326	49.528	ug/l	97
31) Cyclohexane	7.62	56	305783	45.044	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	392165	53.763	ug/l	99
36) 1,1-Dichloropropene	7.75	75	296327	49.127	ug/l	98
37) Ethyl Acetate	6.89	43	273109	44.694	ug/l	100
38) Carbon Tetrachloride	7.74	117	324119	50.278	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	259206	47.938	ug/l	98
40) Benzene	8.00	78	2927842	165.186	ug/l	100
41) Methacrylonitrile	7.13	41	135847	50.799	ug/l	92
42) 1,2-Dichloroethane	8.09	62	532471	74.441	ug/l	99
43) Isopropyl Acetate	8.13	43	481975	49.306	ug/l	99
44) Trichloroethene	8.80	130	216971	48.519	ug/l	100
45) 1,2-Dichloropropane	9.09	63	235384	49.771	ug/l	95
46) Dibromomethane	9.18	93	159014	51.076	ug/l	98
47) Bromodichloromethane	9.37	83	344339	51.439	ug/l	98
48) Methyl methacrylate	9.17	41	250684	50.822	ug/l	99
49) 1,4-Dioxane	9.17	88	68828	1059.405	ug/l	98
51) 4-Methyl-2-Pentanone	9.96	43	1466528	257.261	ug/l	99
52) Toluene	10.13	92	548826	50.768	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	350999	49.458	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	357032	47.053	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	215366	51.082	ug/l	99
56) Ethyl methacrylate	10.40	69	313904	45.428	ug/l	99
57) 1,3-Dichloropropane	10.68	76	372287	50.590	ug/l	99
59) 2-Hexanone	10.72	43	1058908	228.155	ug/l	99
60) Dibromochloromethane	10.87	129	254803	53.980	ug/l	99
61) 1,2-Dibromoethane	10.98	107	220609	51.587	ug/l	99
64) Tetrachloroethene	10.60	164	195403	47.737	ug/l	98
65) Chlorobenzene	11.41	112	568614	48.811	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	225072	51.789	ug/l	98
67) Ethyl Benzene	11.49	91	1054151	50.873	ug/l	99
68) m/p-Xylenes	11.60	106	777565	103.472	ug/l	98
69) o-Xylene	11.92	106	427708	58.900	ug/l	99
70) Stvrene	11.94	104	631146	51.651	ug/l	98
71) Bromoform	12.10	173	161925	49.631	ug/l #	98
73) Isopropylbenzene	12.23	105	1024326	50.600	ug/l	99
74) N-amyl acetate	12.05	43	417130	42.668	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	308028	49.539	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	283369m	45.920	ug/l	
77) Bromobenzene	12.50	156	235258	47.601	ug/l	97
78) n-propylbenzene	12.57	91	1132926	49.089	ug/l	99
79) 2-Chlorotoluene	12.65	91	696151	47.558	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	828718	49.623	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	101516	45.932	ug/l	99
82) 4-Chlorotoluene	12.75	91	750629	48.966	ug/l	100
83) tert-Butylbenzene	12.97	119	646127	49.537	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	839825	50.024	ug/l	100
85) sec-Butylbenzene	13.15	105	838459	50.758	ug/l	100
86) p-Isopropyltoluene	13.26	119	758114	51.023	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	412012	48.225	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	413220	46.802	ug/l	99
89) n-Butylbenzene	13.59	91	640709	50.153	ug/l	99
90) Hexachloroethane	13.85	117	146799	51.216	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	418617	50.939	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	65090	52.578	ug/l	98
93) 1,2,4-Trichlorobenzene	14.88	180	174331	43.048	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	80369	48.033	ug/l	98
95) Naphthalene	15.10	128	575666	41.847	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	175219	44.631	ug/l	98

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

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