

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064822.D
 Acq On : 24 Nov 2020 19:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/25/2020 3:57:40 PM

Quant Time: Nov 25 05:36:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	192726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	307600	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	281448	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	137075	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	109270	48.77	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.54%
35) Dibromofluoromethane	7.55	113	94605	51.40	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.80%
50) Toluene-d8	10.06	98	368898	49.05	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.10%
62) 4-Bromofluorobenzene	12.37	95	131915	49.01	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.02%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	75662	45.298	ug/l 97
3) Chloromethane	2.04	50	95601	44.044	ug/l 97
4) Vinyl Chloride	2.17	62	104580	46.213	ug/l 98
5) Bromomethane	2.53	94	55229	37.199	ug/l 98
6) Chloroethane	2.67	64	65665	46.915	ug/l 98
7) Trichlorofluoromethane	2.99	101	146187	46.733	ug/l 97
8) Diethyl Ether	3.37	74	59675	48.329	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	88153	46.977	ug/l 99
10) Methyl Iodide	3.91	142	64760	26.606	ug/l 100
11) Tert butyl alcohol	4.74	59	78853	225.667	ug/l 98
12) 1,1-Dichloroethene	3.69	96	89342	47.805	ug/l 97
13) Acrolein	3.57	56	38507	180.417	ug/l 97
14) Allyl chloride	4.27	41	145499	47.203	ug/l 99
15) Acrylonitrile	4.93	53	231981	240.323	ug/l 100
16) Acetone	3.78	43	179898	244.248	ug/l 99
17) Carbon Disulfide	4.01	76	230444	47.757	ug/l 99
18) Methyl Acetate	4.28	43	105420	47.605	ug/l 99
19) Methyl tert-butyl Ether	4.99	73	300611	50.153	ug/l 98
20) Methylene Chloride	4.50	84	105366	45.653	ug/l 99
21) trans-1,2-Dichloroethene	4.99	96	96580	46.536	ug/l 99
22) Diisopropyl ether	5.91	45	311302	50.457	ug/l 99
23) Vinyl Acetate	5.85	43	1271535	257.723	ug/l 100
24) 1,1-Dichloroethane	5.80	63	181416	49.202	ug/l 99
25) 2-Butanone	6.79	43	298981	250.411	ug/l 97
26) 2,2-Dichloropropane	6.78	77	140299	43.872	ug/l 99
27) cis-1,2-Dichloroethene	6.78	96	112728	48.271	ug/l 99
28) Bromochloromethane	7.15	49	82365	48.829	ug/l 98
29) Tetrahydrofuran	7.17	42	200353	243.093	ug/l 100
30) Chloroform	7.33	83	184178	48.437	ug/l 98
31) Cyclohexane	7.61	56	147621	47.272	ug/l 96
32) 1,1,1-Trichloroethane	7.53	97	156749	47.998	ug/l 99
36) 1,1-Dichloropropene	7.75	75	137980	48.395	ug/l 99
37) Ethyl Acetate	6.89	43	127106	46.281	ug/l 98
38) Carbon Tetrachloride	7.73	117	139686	47.086	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	151917	49.496	ug/l	98
40) Benzene	8.00	78	413590	47.338	ug/l	98
41) Methacrylonitrile	7.13	41	61279	48.356	ug/l	89
42) 1,2-Dichloroethane	8.09	62	135240	45.885	ug/l	100
43) Isopropyl Acetate	8.13	43	205493	46.499	ug/l #	90
44) Trichloroethene	8.80	130	116789	45.305	ug/l	98
45) 1,2-Dichloropropane	9.08	63	111186	49.141	ug/l	99
46) Dibromomethane	9.17	93	72740	48.123	ug/l	98
47) Bromodichloromethane	9.37	83	145887	47.967	ug/l	99
48) Methyl methacrylate	9.17	41	102512	48.545	ug/l	99
49) 1,4-Dioxane	9.17	88	36486	914.166	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	639183	240.917	ug/l	99
52) Toluene	10.12	92	259689	48.265	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	160836	47.479	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	175284	48.274	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	105259	47.574	ug/l	96
56) Ethyl methacrylate	10.40	69	154187	50.500	ug/l	99
57) 1,3-Dichloropropane	10.68	76	175847	48.181	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	423768	252.321	ug/l	100
59) 2-Hexanone	10.72	43	464816	243.434	ug/l	99
60) Dibromochloromethane	10.87	129	117905	47.940	ug/l	99
61) 1,2-Dibromoethane	10.98	107	108603	48.314	ug/l	100
64) Tetrachloroethene	10.60	164	112466	41.073	ug/l	95
65) Chlorobenzene	11.40	112	288734	47.772	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	107193	48.259	ug/l	99
67) Ethyl Benzene	11.48	91	494549	48.980	ug/l	99
68) m/p-Xylenes	11.59	106	382578	100.079	ug/l	99
69) o-Xylene	11.92	106	181982	50.166	ug/l	98
70) Styrene	11.94	104	317209	51.798	ug/l	98
71) Bromoform	12.10	173	82401	46.447	ug/l #	99
73) Isopropylbenzene	12.22	105	490239	51.417	ug/l	100
74) N-amyl acetate	12.04	43	184276	49.112	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	139671	49.979	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	136433m	46.217	ug/l	
77) Bromobenzene	12.50	156	122477	47.647	ug/l	99
78) n-propylbenzene	12.56	91	542449	49.941	ug/l	98
79) 2-Chlorotoluene	12.65	91	327638	48.799	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	414631	52.319	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	47763	44.345	ug/l	98
82) 4-Chlorotoluene	12.75	91	339300	48.212	ug/l	99
83) tert-Butylbenzene	12.97	119	351982	52.987	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	416340	51.959	ug/l	100
85) sec-Butylbenzene	13.14	105	454715	51.556	ug/l	100
86) p-Isopropyltoluene	13.26	119	424987	52.926	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	218993	47.952	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	215806	44.683	ug/l	98
89) n-Butylbenzene	13.59	91	349703	49.591	ug/l	99
90) Hexachloroethane	13.85	117	71541	51.286	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	213104	47.523	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	30166	47.973	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	125177	45.125	ug/l	100
94) Hexachlorobutadiene	14.98	225	57618	46.154	ug/l	99
95) Naphthalene	15.10	128	388449	46.742	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	123417	46.906	ug/l	99

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

