

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064799.D
 Acq On : 24 Nov 2020 9:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/25/2020 11:06:07 AM

Quant Time: Nov 25 04:12:14 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	203922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	306133	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	280756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	140742	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	112770	47.57	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.14%
35) Dibromofluoromethane	7.54	113	95853	52.33	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.66%
50) Toluene-d8	10.06	98	385651	51.53	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.06%
62) 4-Bromofluorobenzene	12.37	95	137667	51.40	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	89807	50.815	ug/l 100
3) Chloromethane	2.04	50	111188	48.413	ug/l 99
4) Vinyl Chloride	2.16	62	118794	49.612	ug/l 97
5) Bromomethane	2.53	94	77074	49.062	ug/l 99
6) Chloroethane	2.67	64	75105	50.713	ug/l 97
7) Trichlorofluoromethane	2.99	101	170200	51.422	ug/l 99
8) Diethyl Ether	3.37	74	67061	51.329	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	106773	53.775	ug/l 99
10) Methyl Iodide	3.90	142	136264	52.909	ug/l 98
11) Tert butyl alcohol	4.74	59	79229	214.294	ug/l 98
12) 1,1-Dichloroethene	3.69	96	100738	50.944	ug/l 100
13) Acrolein	3.56	56	54595	241.751	ug/l 97
14) Allyl chloride	4.27	41	163739	50.204	ug/l 99
15) Acrylonitrile	4.93	53	246303	241.151	ug/l 99
16) Acetone	3.77	43	160336	205.737	ug/l 97
17) Carbon Disulfide	4.00	76	264657	51.835	ug/l 97
18) Methyl Acetate	4.28	43	108596	46.347	ug/l 100
19) Methyl tert-butyl Ether	4.99	73	321633	50.714	ug/l 100
20) Methylene Chloride	4.50	84	116767	47.815	ug/l 100
21) trans-1,2-Dichloroethene	4.98	96	109938	50.064	ug/l 98
22) Diisopropyl ether	5.90	45	341440	52.303	ug/l 99
23) Vinyl Acetate	5.84	43	1363930	261.272	ug/l 100
24) 1,1-Dichloroethane	5.79	63	203601	52.187	ug/l 100
25) 2-Butanone	6.78	43	289238	228.950	ug/l 98
26) 2,2-Dichloropropane	6.77	77	173603	51.306	ug/l 99
27) cis-1,2-Dichloroethene	6.78	96	126779	51.307	ug/l 99
28) Bromochloromethane	7.14	49	84910	47.574	ug/l 95
29) Tetrahydrofuran	7.16	42	203999	233.927	ug/l 99
30) Chloroform	7.33	83	208061	51.714	ug/l 98
31) Cyclohexane	7.61	56	171008	51.754	ug/l 95
32) 1,1,1-Trichloroethane	7.52	97	178729	51.723	ug/l 99
36) 1,1-Dichloropropene	7.75	75	158937	56.012	ug/l 100
37) Ethyl Acetate	6.88	43	128490	47.009	ug/l 100
38) Carbon Tetrachloride	7.73	117	161472	54.691	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	174148	57.011	ug/l	98
40) Benzene	8.00	78	465916	53.583	ug/l	100
41) Methacrylonitrile	7.12	41	66807	52.970	ug/l	89
42) 1,2-Dichloroethane	8.08	62	153304	52.264	ug/l	99
43) Isopropyl Acetate	8.13	43	214382	48.742	ug/l	99
44) Trichloroethene	8.80	130	136950	53.380	ug/l	98
45) 1,2-Dichloropropane	9.08	63	123026	54.635	ug/l	100
46) Dibromomethane	9.17	93	78437	52.140	ug/l	97
47) Bromodichloromethane	9.37	83	164467	54.335	ug/l	98
48) Methyl methacrylate	9.16	41	105513	50.205	ug/l	98
49) 1,4-Dioxane	9.16	88	39237	987.804	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	668210	253.064	ug/l	99
52) Toluene	10.12	92	295949	55.267	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	181035	53.698	ug/l	98
54) cis-1,3-Dichloropropene	9.80	75	199713	55.266	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	114743	52.109	ug/l	96
56) Ethyl methacrylate	10.40	69	165241	54.380	ug/l	99
57) 1,3-Dichloropropane	10.68	76	192163	52.903	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	354151	211.880	ug/l	100
59) 2-Hexanone	10.72	43	474606	249.752	ug/l	100
60) Dibromochloromethane	10.87	129	133243	54.436	ug/l	99
61) 1,2-Dibromoethane	10.97	107	117511	52.527	ug/l	99
64) Tetrachloroethene	10.60	164	144664	52.962	ug/l	98
65) Chlorobenzene	11.40	112	325851	54.046	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	121518	54.843	ug/l	99
67) Ethyl Benzene	11.48	91	560985	55.697	ug/l	99
68) m/p-Xylenes	11.59	106	442065	115.925	ug/l	99
69) o-Xylene	11.92	106	208857	57.716	ug/l	100
70) Styrene	11.94	104	358248	58.643	ug/l	99
71) Bromoform	12.10	173	90710	51.257	ug/l #	100
73) Isopropylbenzene	12.22	105	553954	56.586	ug/l	100
74) N-amyl acetate	12.04	43	195881	50.844	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	142159	49.544	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	154979m	51.131	ug/l	
77) Bromobenzene	12.50	156	139317	52.786	ug/l	99
78) n-propylbenzene	12.56	91	636944	57.113	ug/l	100
79) 2-Chlorotoluene	12.65	91	371549	53.897	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	476057	58.505	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	55267	49.975	ug/l #	88
82) 4-Chlorotoluene	12.75	91	394573	54.605	ug/l	100
83) tert-Butylbenzene	12.96	119	391304	57.372	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	474732	57.703	ug/l	100
85) sec-Butylbenzene	13.14	105	523290	57.786	ug/l	99
86) p-Isopropyltoluene	13.26	119	488919	59.302	ug/l	100
87) 1,3-Dichlorobenzene	13.25	146	256695	54.743	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	254640	51.350	ug/l	99
89) n-Butylbenzene	13.59	91	415473	57.383	ug/l	100
90) Hexachloroethane	13.85	117	77925	54.407	ug/l	99
91) 1,2-Dichlorobenzene	13.62	146	243546	52.897	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	30434	47.139	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	150570	52.865	ug/l	98
94) Hexachlorobutadiene	14.98	225	67655	52.729	ug/l	100
95) Naphthalene	15.10	128	427227	50.069	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	139984	51.671	ug/l	99

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

