

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\
 Data File : VN064621.D
 Acq On : 13 Nov 2020 8:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/13/2020 11:44:26 AM

Quant Time: Nov 13 08:57:05 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	290135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	542143	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	505280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	242234	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	257665	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
35) Dibromofluoromethane	7.55	113	179401	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
50) Toluene-d8	10.06	98	671651	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
62) 4-Bromofluorobenzene	12.38	95	254118	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	167133	44.252	ug/l	100
3) Chloromethane	2.04	50	199857	43.566	ug/l	98
4) Vinyl Chloride	2.17	62	219706	46.638	ug/l	99
5) Bromomethane	2.53	94	154303	51.272	ug/l	99
6) Chloroethane	2.67	64	153050	50.744	ug/l	99
7) Trichlorofluoromethane	2.99	101	363528	52.406	ug/l	100
8) Diethyl Ether	3.37	74	129687	52.941	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	154167	46.801	ug/l	98
10) Methyl Iodide	3.91	142	203957	53.285	ug/l	99
11) Tert butyl alcohol	4.75	59	145037	260.240	ug/l	99
12) 1,1-Dichloroethene	3.69	96	148288	47.790	ug/l	94
13) Acrolein	3.57	56	81743	236.458	ug/l	97
14) Allyl chloride	4.28	41	270464	44.558	ug/l	99
15) Acrylonitrile	4.94	53	439119	283.003	ug/l	99
16) Acetone	3.78	43	422026	219.229	ug/l	100
17) Carbon Disulfide	4.01	76	427950	46.119	ug/l	98
18) Methyl Acetate	4.28	43	250185	66.106	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	566192	50.699	ug/l	97
20) Methylene Chloride	4.51	84	183397	48.017	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	171943	48.804	ug/l	99
22) Diisopropyl ether	5.91	45	639893	49.662	ug/l	99
23) Vinyl Acetate	5.85	43	2558320	244.071	ug/l	98
24) 1,1-Dichloroethane	5.80	63	351050	49.581	ug/l	99
25) 2-Butanone	6.79	43	632218	257.755	ug/l	99
26) 2,2-Dichloropropane	6.78	77	209623	32.705	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	201642	49.393	ug/l	93
28) Bromochloromethane	7.15	49	173750	49.925	ug/l	100
29) Tetrahydrofuran	7.17	42	415034	275.799	ug/l	97
30) Chloroform	7.33	83	382588	51.406	ug/l	100
31) Cyclohexane	7.61	56	262757	42.771	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	338110	51.220	ug/l	99
36) 1,1-Dichloropropene	7.75	75	261257	45.616	ug/l	97
37) Ethyl Acetate	6.89	43	268296	46.214	ug/l	99
38) Carbon Tetrachloride	7.73	117	293885	48.012	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	221291	43.101	ug/l	98
40) Benzene	8.00	78	787150	46.771	ug/l	100
41) Methacrylonitrile	7.13	41	129286	50.916	ug/l #	88
42) 1,2-Dichloroethane	8.09	62	331105	48.750	ug/l	98
43) Isopropyl Acetate	8.13	43	457804	49.323	ug/l	100
44) Trichloroethene	8.80	130	197217	46.446	ug/l	96
45) 1,2-Dichloropropane	9.08	63	216930	48.307	ug/l	98
46) Dibromomethane	9.17	93	151854	51.369	ug/l	97
47) Bromodichloromethane	9.37	83	321401	50.565	ug/l	99
48) Methyl methacrylate	9.17	41	241452	51.553	ug/l	99
49) 1,4-Dioxane	9.17	88	62083	1006.386	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1480681	273.552	ug/l	100
52) Toluene	10.13	92	498787	48.592	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	322087	47.796	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	321925	44.681	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	199094	49.733	ug/l	99
56) Ethyl methacrylate	10.40	69	296352	45.178	ug/l	99
57) 1,3-Dichloropropane	10.68	76	351074	50.243	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	789073	253.234	ug/l	97
59) 2-Hexanone	10.72	43	1064282	241.268	ug/l	100
60) Dibromochloromethane	10.87	129	237399	52.967	ug/l	98
61) 1,2-Dibromoethane	10.97	107	213402	52.555	ug/l	98
64) Tetrachloroethene	10.60	164	185918	47.767	ug/l	97
65) Chlorobenzene	11.41	112	525287	47.422	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	210899	51.036	ug/l	99
67) Ethyl Benzene	11.48	91	971502	49.308	ug/l	99
68) m/p-Xylenes	11.59	106	716681	100.299	ug/l	98
69) o-Xylene	11.92	106	338410	49.011	ug/l	99
70) Styrene	11.94	104	602829	51.884	ug/l	99
71) Bromoform	12.10	173	158182	50.955	ug/l #	99
73) Isopropylbenzene	12.22	105	899040	46.695	ug/l	99
74) N-amyl acetate	12.05	43	406653	43.705	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	297321	50.276	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	271558m	46.269	ug/l	
77) Bromobenzene	12.50	156	217451	46.260	ug/l	99
78) n-propylbenzene	12.57	91	1043446	47.536	ug/l	100
79) 2-Chlorotoluene	12.65	91	654548	47.016	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	769801	48.465	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	90324	42.970	ug/l	99
82) 4-Chlorotoluene	12.75	91	685171	46.994	ug/l	100
83) tert-Butylbenzene	12.97	119	614089	49.502	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	788433	49.378	ug/l	100
85) sec-Butylbenzene	13.14	105	793112	50.481	ug/l	99
86) p-Isopropyltoluene	13.26	119	708119	50.108	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	380533	46.831	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	391382	46.608	ug/l	98
89) n-Butylbenzene	13.59	91	585998	48.229	ug/l	99
90) Hexachloroethane	13.85	117	144288	52.929	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	390790	49.998	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	63454	53.893	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	168482	43.700	ug/l	99
94) Hexachlorobutadiene	14.98	225	84946	53.379	ug/l	99
95) Naphthalene	15.10	128	562981	42.927	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	178867	47.700	ug/l	98

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

