

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090920\
 Data File : VN063271.D
 Acq On : 9 Sep 2020 10:08
 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
 9/10/2020 4:04:13 PM

Quant Time: Sep 09 15:52:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	458322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	812647	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	721927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	347811	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	338980	45.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.48%	
35) Dibromofluoromethane	7.55	113	251086	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
50) Toluene-d8	10.06	98	958482	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
62) 4-Bromofluorobenzene	12.38	95	361903	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	199891	44.285	ug/l	98
3) Chloromethane	2.04	50	277042	42.151	ug/l	98
4) Vinyl Chloride	2.17	62	291942	40.211	ug/l	100
5) Bromomethane	2.52	94	190935	31.242	ug/l	97
6) Chloroethane	2.67	64	190383	32.980	ug/l	98
7) Trichlorofluoromethane	2.98	101	456436	45.199	ug/l	98
8) Diethyl Ether	3.37	74	162042	46.647	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	249863	50.632	ug/l	98
10) Methyl Iodide	3.91	142	307768	45.727	ug/l	98
11) Tert butyl alcohol	4.72	59	210173	228.531	ug/l	99
12) 1,1-Dichloroethene	3.70	96	240384	47.804	ug/l	99
13) Acrolein	3.57	56	48581	145.767	ug/l	97
14) Allyl chloride	4.27	41	479627	53.706	ug/l	98
15) Acrylonitrile	4.93	53	603355	234.365	ug/l	100
16) Acetone	3.77	43	604403	283.781	ug/l	99
17) Carbon Disulfide	4.01	76	663041	44.300	ug/l	98
18) Methyl Acetate	4.27	43	313067	57.328	ug/l	94
19) Methyl tert-butyl Ether	4.99	73	871206	46.703	ug/l	99
20) Methylene Chloride	4.50	84	282488	47.141	ug/l	90
21) trans-1,2-Dichloroethene	4.99	96	266863	48.036	ug/l	97
22) Diisopropyl ether	5.90	45	993119	49.624	ug/l	95
23) Vinyl Acetate	5.84	43	3975764	248.974	ug/l	96
24) 1,1-Dichloroethane	5.79	63	541290	49.062	ug/l	97
25) 2-Butanone	6.78	43	863752	261.916	ug/l	99
26) 2,2-Dichloropropane	6.77	77	482941	48.314	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	312412	46.265	ug/l	95
28) Bromochloromethane	7.15	49	286235	49.659	ug/l	99
29) Tetrahydrofuran	7.16	42	549870	241.140	ug/l	96
30) Chloroform	7.33	83	540586	46.834	ug/l	100
31) Cyclohexane	7.61	56	458167	47.020	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	472130	47.467	ug/l	99
36) 1,1-Dichloropropene	7.75	75	403536	51.654	ug/l	99
37) Ethyl Acetate	6.87	43	364785	49.453	ug/l #	96
38) Carbon Tetrachloride	7.73	117	407390	51.420	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	427024	48.655	ug/l	95
40) Benzene	8.00	78	1153803	50.258	ug/l	99
41) Methacrylonitrile	7.12	41	166859m	50.699	ug/l	
42) 1,2-Dichloroethane	8.08	62	449261	52.388	ug/l	98
43) Isopropyl Acetate	8.12	43	670910	52.658	ug/l	99
44) Trichloroethene	8.80	130	303287	54.464	ug/l	100
45) 1,2-Dichloropropane	9.08	63	319123	52.501	ug/l	98
46) Dibromomethane	9.17	93	205575	51.035	ug/l	98
47) Bromodichloromethane	9.37	83	440494	51.018	ug/l	100
48) Methyl methacrylate	9.16	41	315139	54.868	ug/l	95
49) 1,4-Dioxane	9.17	88	85079	957.704	ug/l	92
51) 4-Methyl-2-Pentanone	9.95	43	1842791	266.166	ug/l	100
52) Toluene	10.12	92	713848	49.915	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	484560	51.306	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	522772	52.732	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	274443	50.109	ug/l	97
56) Ethyl methacrylate	10.40	69	425861	51.093	ug/l	97
57) 1,3-Dichloropropane	10.68	76	491429	50.367	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	2287618	530.008	ug/l	96
59) 2-Hexanone	10.72	43	1373972	282.379	ug/l	97
60) Dibromochloromethane	10.87	129	317427	52.423	ug/l	100
61) 1,2-Dibromoethane	10.98	107	279579	49.105	ug/l	97
64) Tetrachloroethene	10.60	164	301327	58.125	ug/l	98
65) Chlorobenzene	11.41	112	751405	51.677	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	285550	52.894	ug/l	98
67) Ethyl Benzene	11.48	91	1411618	53.216	ug/l	99
68) m/p-Xylenes	11.59	106	1025143	104.347	ug/l	97
69) o-Xylene	11.92	106	498986	52.576	ug/l	97
70) Styrene	11.94	104	844657	51.785	ug/l	97
71) Bromoform	12.10	173	198288	54.123	ug/l #	99
73) Isopropylbenzene	12.23	105	1349807	50.599	ug/l	100
74) N-amyl acetate	12.04	43	569828	51.569	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	352580	45.843	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	355193m	51.976	ug/l	
77) Bromobenzene	12.50	156	303686	50.336	ug/l	99
78) n-propylbenzene	12.57	91	1581717	51.239	ug/l	100
79) 2-Chlorotoluene	12.65	91	941154	50.904	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1147192	51.664	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.27	75	137480	48.624	ug/l	97
82) 4-Chlorotoluene	12.75	91	996972	51.992	ug/l	98
83) tert-Butylbenzene	12.97	119	946939	49.726	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	1154607	51.587	ug/l	97
85) sec-Butylbenzene	13.15	105	1233850	49.714	ug/l	100
86) p-Isopropyltoluene	13.26	119	1127863	51.186	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	566124	51.079	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	567024	49.408	ug/l	98
89) n-Butylbenzene	13.59	91	1033867	50.788	ug/l	99
90) Hexachloroethane	13.85	117	192266	47.136	ug/l	92
91) 1,2-Dichlorobenzene	13.63	146	559464	52.017	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	84517	49.984	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	323957	53.913	ug/l	100
94) Hexachlorobutadiene	14.98	225	118874	52.957	ug/l	97
95) Naphthalene	15.10	128	952210	47.497	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	299105	51.092	ug/l	99

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

