

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111320\
 Data File : VN064623.D
 Acq On : 13 Nov 2020 11:04
 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
 11/17/2020 6:41:24 PM

Quant Time: Nov 17 02:23:59 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	7.62	168	308905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	532682	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	498888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	250741	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	257284	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
35) Dibromofluoromethane	7.55	113	177755	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	10.06	98	674943	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
62) 4-Bromofluorobenzene	12.38	95	255588	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	180531	44.895	ug/l	98
3) Chloromethane	2.04	50	201262	41.206	ug/l	97
4) Vinyl Chloride	2.17	62	223947	44.650	ug/l	96
5) Bromomethane	2.53	94	158289	49.400	ug/l	99
6) Chloroethane	2.67	64	150194	46.771	ug/l	98
7) Trichlorofluoromethane	2.99	101	375309	50.816	ug/l	99
8) Diethyl Ether	3.37	74	127485	48.880	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	169645	48.370	ug/l	99
10) Methyl Iodide	3.91	142	203060	49.827	ug/l	99
11) Tert butyl alcohol	4.75	59	138497	233.406	ug/l	100
12) 1,1-Dichloroethene	3.69	96	154044	46.628	ug/l	95
13) Acrolein	3.56	56	74682	202.906	ug/l	94
14) Allyl chloride	4.27	41	279198	43.202	ug/l	96
15) Acrylonitrile	4.93	53	418357	253.239	ug/l	99
16) Acetone	3.78	43	524397	255.855	ug/l	97
17) Carbon Disulfide	4.00	76	441982	44.737	ug/l	98
18) Methyl Acetate	4.28	43	202600	50.280	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	555002	46.677	ug/l	99
20) Methylene Chloride	4.50	84	186036	45.748	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	176026	46.927	ug/l	97
22) Diisopropyl ether	5.90	45	634227	46.232	ug/l	99
23) Vinyl Acetate	5.85	43	2680563	240.194	ug/l	98
24) 1,1-Dichloroethane	5.79	63	352656	46.781	ug/l	100
25) 2-Butanone	6.79	43	675372	258.618	ug/l	99
26) 2,2-Dichloropropane	6.77	77	322144	47.207	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	203064	46.719	ug/l	97
28) Bromochloromethane	7.15	49	171149	46.189	ug/l	100
29) Tetrahydrofuran	7.17	42	394579	246.274	ug/l	98
30) Chloroform	7.33	83	384867	48.570	ug/l	99
31) Cyclohexane	7.61	56	272862	41.717	ug/l	95
32) 1,1,1-Trichloroethane	7.52	97	341915	48.649	ug/l	99
36) 1,1-Dichloropropene	7.75	75	274074	48.703	ug/l	99
37) Ethyl Acetate	6.88	43	264667	46.395	ug/l	99
38) Carbon Tetrachloride	7.73	117	304185	50.577	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	249497	49.458	ug/l	95
40) Benzene	8.00	78	790426	47.800	ug/l	100
41) Methacrylonitrile	7.13	41	117623	47.145	ug/l	95
42) 1,2-Dichloroethane	8.08	62	337681	50.602	ug/l	100
43) Isopropyl Acetate	8.13	43	445626	48.864	ug/l	100
44) Trichloroethene	8.80	130	201201	48.226	ug/l	96
45) 1,2-Dichloropropane	9.08	63	212520	48.166	ug/l	96
46) Dibromomethane	9.17	93	148873	51.255	ug/l	98
47) Bromodichloromethane	9.37	83	323485	51.796	ug/l	99
48) Methyl methacrylate	9.17	41	230195	50.022	ug/l	99
49) 1,4-Dioxane	9.17	88	61872	1020.779	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	1417768	266.581	ug/l	100
52) Toluene	10.12	92	503684	49.940	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	341012	51.504	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	353677	49.960	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	201169	51.144	ug/l	99
56) Ethyl methacrylate	10.40	69	286616	44.499	ug/l	98
57) 1,3-Dichloropropane	10.68	76	347419	50.603	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	767483	250.897	ug/l	98
59) 2-Hexanone	10.72	43	1071550	247.130	ug/l	100
60) Dibromochloromethane	10.87	129	238548	54.168	ug/l	99
61) 1,2-Dibromoethane	10.98	107	211347	52.973	ug/l	99
64) Tetrachloroethene	10.60	164	190577	49.592	ug/l	98
65) Chlorobenzene	11.41	112	540315	49.404	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	217957	53.420	ug/l	99
67) Ethyl Benzene	11.48	91	989902	50.885	ug/l	98
68) m/p-Xylenes	11.60	106	739899	104.875	ug/l	99
69) o-Xylene	11.92	106	343208	50.343	ug/l	98
70) Styrene	11.94	104	617229	53.804	ug/l	99
71) Bromoform	12.10	173	154211	50.328	ug/l #	99
73) Isopropylbenzene	12.22	105	922204	46.273	ug/l	99
74) N-amyl acetate	12.04	43	411423	42.745	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	292742	47.822	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	291534m	47.987	ug/l	
77) Bromobenzene	12.50	156	219847	45.183	ug/l	99
78) n-propylbenzene	12.57	91	1106715	48.708	ug/l	99
79) 2-Chlorotoluene	12.65	91	666096	46.222	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	801913	48.774	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	101940	46.850	ug/l	98
82) 4-Chlorotoluene	12.75	91	726872	48.163	ug/l	99
83) tert-Butylbenzene	12.97	119	624842	48.660	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	814023	49.251	ug/l	99
85) sec-Butylbenzene	13.14	105	835015	51.345	ug/l	100
86) p-Isopropyltoluene	13.26	119	757411	51.778	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	413788	49.196	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	405187	46.615	ug/l	99
89) n-Butylbenzene	13.59	91	663006	52.715	ug/l	100
90) Hexachloroethane	13.85	117	149114	52.843	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	400600	49.514	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	61274	50.276	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	181039	45.262	ug/l	100
94) Hexachlorobutadiene	14.98	225	97732	59.330	ug/l	99
95) Naphthalene	15.10	128	560434	41.422	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	184822	47.621	ug/l	99

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

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