

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111620\
 Data File : VN064649.D
 Acq On : 16 Nov 2020 9:21
 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 7:01:59 PM

Quant Time: Nov 17 03:56:26 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	330371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	544685	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	530548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	254407	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	266187	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	
35) Dibromofluoromethane	7.55	113	193846	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
50) Toluene-d8	10.06	98	733749	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
62) 4-Bromofluorobenzene	12.37	95	276279	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	200011	46.508	ug/l	96
3) Chloromethane	2.04	50	221810	42.463	ug/l	100
4) Vinyl Chloride	2.17	62	251797	46.940	ug/l	95
5) Bromomethane	2.53	94	171263	49.976	ug/l	99
6) Chloroethane	2.68	64	163392	47.575	ug/l	94
7) Trichlorofluoromethane	2.99	101	410349	51.951	ug/l	98
8) Diethyl Ether	3.37	74	135283	48.499	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	185771	49.527	ug/l	98
10) Methyl Iodide	3.91	142	221671	50.860	ug/l	99
11) Tert butyl alcohol	4.74	59	140614	221.576	ug/l #	83
12) 1,1-Dichloroethene	3.69	96	165182	46.751	ug/l	94
13) Acrolein	3.57	56	84170	213.825	ug/l	95
14) Allyl chloride	4.27	41	309656	44.802	ug/l	98
15) Acrylonitrile	4.93	53	432405	244.736	ug/l	100
16) Acetone	3.78	43	581243	265.164	ug/l	98
17) Carbon Disulfide	4.00	76	483085	45.720	ug/l	98
18) Methyl Acetate	4.28	43	209977	48.725	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	601400	47.293	ug/l	96
20) Methylene Chloride	4.50	84	200829	46.177	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	190983	47.606	ug/l	96
22) Diisopropyl ether	5.90	45	694896	47.363	ug/l	99
23) Vinyl Acetate	5.84	43	2852080	238.958	ug/l	98
24) 1,1-Dichloroethane	5.79	63	382723	47.471	ug/l	99
25) 2-Butanone	6.78	43	707279	253.239	ug/l	99
26) 2,2-Dichloropropane	6.77	77	371835	50.948	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	220637	47.463	ug/l	97
28) Bromochloromethane	7.15	49	177384	44.761	ug/l	98
29) Tetrahydrofuran	7.17	42	394295	230.107	ug/l	97
30) Chloroform	7.32	83	420235	49.587	ug/l	97
31) Cyclohexane	7.61	56	302076	43.183	ug/l	98
32) 1,1,1-Trichloroethane	7.52	97	371768	49.460	ug/l	98
36) 1,1-Dichloropropene	7.75	75	295477	51.350	ug/l	97
37) Ethyl Acetate	6.88	43	274980	47.129	ug/l	99
38) Carbon Tetrachloride	7.73	117	332390	54.049	ug/l	98

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39) Methylcyclohexane	9.05	83	275339	53.378	ug/l	100
40) Benzene	8.00	78	857215	50.696	ug/l	99
41) Methacrylonitrile	7.12	41	118619	46.497	ug/l	97
42) 1,2-Dichloroethane	8.08	62	355824	52.145	ug/l	99
43) Isopropyl Acetate	8.13	43	454147	48.701	ug/l	99
44) Trichloroethene	8.80	130	213695	50.092	ug/l	99
45) 1,2-Dichloropropane	9.08	63	230664	51.126	ug/l	100
46) Dibromomethane	9.17	93	158484	53.362	ug/l	99
47) Bromodichloromethane	9.37	83	341034	53.403	ug/l	96
48) Methyl methacrylate	9.16	41	232757	49.465	ug/l	99
49) 1,4-Dioxane	9.16	88	60013	968.290	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1404211	258.213	ug/l	98
52) Toluene	10.12	92	543607	52.711	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	366498	54.133	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	380826	52.610	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	216117	53.734	ug/l	99
56) Ethyl methacrylate	10.40	69	301706	45.755	ug/l	98
57) 1,3-Dichloropropane	10.68	76	366195	52.163	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	839614	266.924	ug/l	97
59) 2-Hexanone	10.72	43	1096330	247.271	ug/l	100
60) Dibromochloromethane	10.87	129	254912	56.609	ug/l	100
61) 1,2-Dibromoethane	10.97	107	220269	53.993	ug/l	100
64) Tetrachloroethene	10.60	164	202632	49.582	ug/l	97
65) Chlorobenzene	11.41	112	581717	50.015	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	231896	53.444	ug/l	99
67) Ethyl Benzene	11.48	91	1060013	51.238	ug/l	100
68) m/p-Xylenes	11.59	106	795727	106.058	ug/l	100
69) o-Xylene	11.92	106	370006	51.035	ug/l	100
70) Styrene	11.94	104	651487	53.401	ug/l	99
71) Bromoform	12.10	173	162231	49.800	ug/l #	99
73) Isopropylbenzene	12.22	105	998001	49.355	ug/l	100
74) N-amyl acetate	12.04	43	403151	41.324	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	297758	47.941	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	271555m	44.054	ug/l	
77) Bromobenzene	12.50	156	231868	46.967	ug/l	99
78) n-propylbenzene	12.56	91	1187330	51.503	ug/l	100
79) 2-Chlorotoluene	12.65	91	713695	48.811	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	856521	51.345	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	107895	48.873	ug/l	99
82) 4-Chlorotoluene	12.75	91	775739	50.660	ug/l	99
83) tert-Butylbenzene	12.97	119	672471	51.615	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	875908	52.231	ug/l	100
85) sec-Butylbenzene	13.14	105	906827	54.957	ug/l	100
86) p-Isopropyltoluene	13.26	119	825585	55.625	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	433084	50.748	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	434853	49.307	ug/l	98
89) n-Butylbenzene	13.59	91	713363	55.902	ug/l	100
90) Hexachloroethane	13.85	117	158712	55.434	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	427461	52.073	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	60971	49.306	ug/l	97

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93) 1,2,4-Trichlorobenzene	14.88	180	195472	47.995	ug/l	100
94) Hexachlorobutadiene	14.98	225	102874	61.552	ug/l	96
95) Naphthalene	15.10	128	590392	42.869	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	194357	49.255	ug/l	99

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

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