

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092520\
 Data File : VN063673.D
 Acq On : 25 Sep 2020 12:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/29/2020 10:40:32 AM

Quant Time: Sep 28 02:07:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	303008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	502742	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	473205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	237329	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	240491	46.62	ug/l	0.00
Spiked Amount			Recovery	=	93.24%	
35) Dibromofluoromethane	7.54	113	167176	48.03	ug/l	0.00
Spiked Amount			Recovery	=	96.06%	
50) Toluene-d8	10.06	98	632233	48.31	ug/l	0.00
Spiked Amount			Recovery	=	96.62%	
62) 4-Bromofluorobenzene	12.37	95	247984	51.69	ug/l	0.00
Spiked Amount			Recovery	=	103.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	156204	45.503	ug/l	96
3) Chloromethane	2.04	50	185529	40.854	ug/l	100
4) Vinyl Chloride	2.16	62	186093	46.252	ug/l	97
5) Bromomethane	2.53	94	125455	52.516	ug/l	97
6) Chloroethane	2.67	64	114274	46.269	ug/l	98
7) Trichlorofluoromethane	2.99	101	303054	50.484	ug/l	100
8) Diethyl Ether	3.37	74	107607	45.984	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	168323	49.860	ug/l	99
10) Methyl Iodide	3.91	142	204711	46.576	ug/l	98
11) Tert butyl alcohol	4.72	59	136146	190.530	ug/l	100
12) 1,1-Dichloroethene	3.69	96	154996	45.328	ug/l	94
13) Acrolein	3.57	56	20834	78.676	ug/l	99
14) Allyl chloride	4.27	41	302043	44.656	ug/l	97
15) Acrylonitrile	4.92	53	405802	223.260	ug/l	99
16) Acetone	3.77	43	384659	232.045	ug/l	99
17) Carbon Disulfide	4.01	76	425531	42.783	ug/l	99
18) Methyl Acetate	4.27	43	199292	47.357	ug/l	99
19) Methyl tert-butyl Ether	4.98	73	580325	45.536	ug/l	100
20) Methylene Chloride	4.50	84	186085	44.306	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	175300	46.272	ug/l	96
22) Diisopropyl ether	5.89	45	631863	45.806	ug/l	98
23) Vinyl Acetate	5.84	43	2643205	233.316	ug/l	100
24) 1,1-Dichloroethane	5.79	63	352508	46.807	ug/l	99
25) 2-Butanone	6.78	43	573912	225.108	ug/l	100
26) 2,2-Dichloropropane	6.77	77	318266	47.999	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	202922	47.323	ug/l	97
28) Bromochloromethane	7.14	49	158904	45.697	ug/l	98
29) Tetrahydrofuran	7.16	42	370232	212.624	ug/l	100
30) Chloroform	7.32	83	375097	49.643	ug/l	97
31) Cyclohexane	7.61	56	292980	41.127	ug/l	98
32) 1,1,1-Trichloroethane	7.52	97	328250	48.844	ug/l	99
36) 1,1-Dichloropropene	7.75	75	269177	50.257	ug/l	100
37) Ethyl Acetate	6.87	43	245780	46.756	ug/l	98
38) Carbon Tetrachloride	7.73	117	284747	52.081	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	276768	47.612	ug/l	98
40) Benzene	8.00	78	761547	49.809	ug/l	97
41) Methacrylonitrile	7.12	41	100677	42.583	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	323198	52.564	ug/l	98
43) Isopropyl Acetate	8.12	43	441113	46.929	ug/l #	89
44) Trichloroethene	8.80	130	194077	52.335	ug/l	97
45) 1,2-Dichloropropane	9.08	63	206842	49.672	ug/l	99
46) Dibromomethane	9.17	93	140409	51.301	ug/l	100
47) Bromodichloromethane	9.37	83	299860	52.737	ug/l	100
48) Methyl methacrylate	9.16	41	223207	48.334	ug/l	99
49) 1,4-Dioxane	9.16	88	57441	866.751	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1281272	243.487	ug/l	99
52) Toluene	10.12	92	484654	52.723	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	330626	52.086	ug/l	99
54) cis-1,3-Dichloropropene	9.80	75	344877	51.509	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	190406	52.147	ug/l	95
56) Ethyl methacrylate	10.40	69	286291	50.225	ug/l	98
57) 1,3-Dichloropropane	10.68	76	333661	50.674	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	559180	187.006	ug/l	98
59) 2-Hexanone	10.72	43	952653	249.890	ug/l	100
60) Dibromochloromethane	10.87	129	219458	53.202	ug/l	100
61) 1,2-Dibromoethane	10.97	107	199923	52.702	ug/l	99
64) Tetrachloroethene	10.60	164	177638	55.130	ug/l	98
65) Chlorobenzene	11.40	112	512386	51.010	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	195669	53.141	ug/l	99
67) Ethyl Benzene	11.48	91	968096	51.178	ug/l	98
68) m/p-Xylenes	11.59	106	715196	104.863	ug/l	99
69) o-Xylene	11.92	106	339622	52.273	ug/l	99
70) Styrene	11.94	104	596615	54.758	ug/l	99
71) Bromoform	12.10	173	146014	53.231	ug/l #	99
73) Isopropylbenzene	12.22	105	935311	49.180	ug/l	100
74) N-amyl acetate	12.04	43	414654	46.059	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	272077	46.204	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	260383m	44.326	ug/l	
77) Bromobenzene	12.50	156	220212	51.475	ug/l	95
78) n-propylbenzene	12.57	91	1108334	50.036	ug/l	100
79) 2-Chlorotoluene	12.65	91	663391	49.960	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	803634	50.675	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	95618	44.627	ug/l	96
82) 4-Chlorotoluene	12.75	91	714228	50.909	ug/l	99
83) tert-Butylbenzene	12.97	119	644800	49.263	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	812372	50.714	ug/l	99
85) sec-Butylbenzene	13.14	105	872365	49.792	ug/l	100
86) p-Isopropyltoluene	13.26	119	782827	50.658	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	405220	51.105	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	411911	51.096	ug/l	100
89) n-Butylbenzene	13.59	91	729757	51.233	ug/l	98
90) Hexachloroethane	13.85	117	139557	47.428	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	394714	50.704	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	59864	42.692	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	224604	48.940	ug/l	99
94) Hexachlorobutadiene	14.98	225	106906	56.268	ug/l	96
95) Naphthalene	15.10	128	682670	45.024	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	209816	47.316	ug/l	96

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

