

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091720\
 Data File : VN063408.D
 Acq On : 17 Sep 2020 10:27
 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
 9/18/2020 2:55:48 PM

Quant Time: Sep 18 02:54:37 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	280548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	478925	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	445762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	216363	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	221960	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	
35) Dibromofluoromethane	7.55	113	150919	45.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.04%	
50) Toluene-d8	10.06	98	593365	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
62) 4-Bromofluorobenzene	12.38	95	230585	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	154777	48.697	ug/l	99
3) Chloromethane	2.04	50	186121	44.266	ug/l	99
4) Vinyl Chloride	2.16	62	179002	48.051	ug/l	100
5) Bromomethane	2.53	94	115210	52.088	ug/l	99
6) Chloroethane	2.67	64	107707	47.101	ug/l	98
7) Trichlorofluoromethane	2.98	101	277492	49.927	ug/l	98
8) Diethyl Ether	3.37	74	108331	49.999	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	153477	49.102	ug/l	100
10) Methyl Iodide	3.91	142	200066	49.163	ug/l	100
11) Tert butyl alcohol	4.72	59	151648	229.214	ug/l	100
12) 1,1-Dichloroethene	3.70	96	146699	46.337	ug/l	100
13) Acrolein	3.56	56	72827	297.036	ug/l	98
14) Allyl chloride	4.28	41	296372	47.326	ug/l	99
15) Acrylonitrile	4.92	53	406445	241.516	ug/l	99
16) Acetone	3.77	43	352022	229.357	ug/l	98
17) Carbon Disulfide	4.01	76	426899	46.357	ug/l	99
18) Methyl Acetate	4.27	43	191152	49.059	ug/l	100
19) Methyl tert-butyl Ether	4.98	73	570268	48.329	ug/l	99
20) Methylene Chloride	4.50	84	181016	46.550	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	163180	46.521	ug/l	96
22) Diisopropyl ether	5.90	45	610282	47.783	ug/l	100
23) Vinyl Acetate	5.84	43	2595963	247.490	ug/l	99
24) 1,1-Dichloroethane	5.79	63	328700	47.140	ug/l	99
25) 2-Butanone	6.78	43	567541	240.431	ug/l	99
26) 2,2-Dichloropropane	6.77	77	287292	46.796	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	192796	48.561	ug/l	99
28) Bromochloromethane	7.15	49	151363	47.013	ug/l	100
29) Tetrahydrofuran	7.16	42	377801	234.341	ug/l	100
30) Chloroform	7.33	83	337803	48.287	ug/l	99
31) Cyclohexane	7.61	56	291678	44.222	ug/l	98
32) 1,1,1-Trichloroethane	7.52	97	298192	47.923	ug/l	99
36) 1,1-Dichloropropene	7.75	75	251587	49.309	ug/l	99
37) Ethyl Acetate	6.87	43	247451	49.415	ug/l	99
38) Carbon Tetrachloride	7.73	117	254825	48.926	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	276932	50.009	ug/l	98
40) Benzene	8.00	78	715501	49.125	ug/l	99
41) Methacrylonitrile	7.12	41	114722	50.936	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	296967	50.700	ug/l	100
43) Isopropyl Acetate	8.12	43	427818	47.778	ug/l #	90
44) Trichloroethene	8.80	130	177625	50.280	ug/l	97
45) 1,2-Dichloropropane	9.08	63	200401	50.518	ug/l	98
46) Dibromomethane	9.17	93	132383	50.774	ug/l	100
47) Bromodichloromethane	9.37	83	274728	50.720	ug/l	98
48) Methyl methacrylate	9.16	41	212376	48.275	ug/l	97
49) 1,4-Dioxane	9.16	88	62315	987.058	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	1248140	248.987	ug/l	100
52) Toluene	10.12	92	451814	51.594	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	310436	51.337	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	330491	51.815	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	179401	51.577	ug/l	97
56) Ethyl methacrylate	10.40	69	280489	51.655	ug/l	99
57) 1,3-Dichloropropane	10.68	76	315872	50.358	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	741306	260.243	ug/l	99
59) 2-Hexanone	10.72	43	933183	256.956	ug/l	100
60) Dibromochloromethane	10.87	129	202463	51.523	ug/l	99
61) 1,2-Dibromoethane	10.98	107	190483	52.711	ug/l	98
64) Tetrachloroethene	10.60	164	159744	52.628	ug/l	98
65) Chlorobenzene	11.41	112	473408	50.031	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	177026	51.038	ug/l	100
67) Ethyl Benzene	11.48	91	898233	50.408	ug/l	99
68) m/p-Xylenes	11.60	106	659526	102.654	ug/l	100
69) o-Xylene	11.92	106	316226	51.669	ug/l	98
70) Styrene	11.94	104	546877	53.284	ug/l	99
71) Bromoform	12.10	173	134915	52.213	ug/l #	99
73) Isopropylbenzene	12.22	105	864947	49.887	ug/l	100
74) N-amyl acetate	12.05	43	403544	49.169	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	263190	49.026	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	240316m	44.875	ug/l	
77) Bromobenzene	12.50	156	199125	51.056	ug/l	98
78) n-propylbenzene	12.57	91	1027568	50.885	ug/l	100
79) 2-Chlorotoluene	12.65	91	614609	50.772	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	735842	50.896	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	94984	48.627	ug/l	99
82) 4-Chlorotoluene	12.75	91	651748	50.957	ug/l	99
83) tert-Butylbenzene	12.97	119	602438	50.487	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	741487	50.774	ug/l	99
85) sec-Butylbenzene	13.14	105	808892	50.643	ug/l	100
86) p-Isopropyltoluene	13.26	119	729992	51.817	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	368798	51.019	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	372949	50.745	ug/l	99
89) n-Butylbenzene	13.59	91	685645	52.801	ug/l	99
90) Hexachloroethane	13.85	117	132889	49.538	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	357397	50.359	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	61103	47.798	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	213502	51.029	ug/l	99
94) Hexachlorobutadiene	14.98	225	93166	53.788	ug/l	98
95) Naphthalene	15.10	128	679406	49.151	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	200748	49.658	ug/l	99

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

