

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082420\
 Data File : VN063102.D
 Acq On : 24 Aug 2020 17:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/25/2020 12:14:05 PM

Quant Time: Aug 25 02:07:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	183306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	286523	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	257234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	122188	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	116983	53.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.70%	
35) Dibromofluoromethane	7.54	113	95798	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
50) Toluene-d8	10.06	98	360082	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
62) 4-Bromofluorobenzene	12.38	95	122099	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	108501	45.332	ug/l	100
3) Chloromethane	2.04	50	118874	47.297	ug/l	100
4) Vinyl Chloride	2.16	62	118491	48.749	ug/l	98
5) Bromomethane	2.49	94	39249	27.205	ug/l	98
6) Chloroethane	2.58	64	34873	24.300	ug/l	99
7) Trichlorofluoromethane	2.89	101	148207	48.894	ug/l	96
8) Diethyl Ether	3.36	74	54201	50.545	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.66	101	74506	45.615	ug/l	98
10) Methyl Iodide	3.87	142	89332	43.149	ug/l	99
11) Tert butyl alcohol	4.82	59	35928m	116.753	ug/l	
12) 1,1-Dichloroethene	3.64	96	70063	45.028	ug/l	98
13) Acrolein	3.56	56	6772	70.247	ug/l	92
14) Allyl chloride	4.24	41	129683	47.270	ug/l	99
15) Acrylonitrile	4.93	53	233029	257.641	ug/l	99
16) Acetone	3.79	43	153861	226.745	ug/l	99
17) Carbon Disulfide	3.96	76	172739	42.391	ug/l	98
18) Methyl Acetate	4.28	43	118364	54.824	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	298659	55.039	ug/l	99
20) Methylene Chloride	4.48	84	93059	48.545	ug/l	98
21) trans-1,2-Dichloroethene	4.96	96	77238	47.434	ug/l	97
22) Diisopropyl ether	5.91	45	337685	54.241	ug/l	96
23) Vinyl Acetate	5.84	43	1093762	260.349	ug/l	100
24) 1,1-Dichloroethane	5.78	63	173560	49.889	ug/l	99
25) 2-Butanone	6.80	43	262635	227.706	ug/l	96
26) 2,2-Dichloropropane	6.76	77	116641	42.632	ug/l	99
27) cis-1,2-Dichloroethene	6.77	96	99031	48.521	ug/l	99
28) Bromochloromethane	7.15	49	94203	51.752	ug/l	97
29) Tetrahydrofuran	7.17	42	188218	252.845	ug/l	100
30) Chloroform	7.32	83	174306	49.749	ug/l	100
31) Cyclohexane	7.60	56	148936	46.514	ug/l	97
32) 1,1,1-Trichloroethane	7.52	97	141591	49.500	ug/l	98
36) 1,1-Dichloropropene	7.74	75	113611	44.995	ug/l	99
37) Ethyl Acetate	6.89	43	116586	49.277	ug/l	99
38) Carbon Tetrachloride	7.73	117	115697	45.386	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	133576	39.522	ug/l	98
40) Benzene	8.00	78	378353	47.245	ug/l	99
41) Methacrylonitrile	7.13	41	55687	49.400	ug/l	95
42) 1,2-Dichloroethane	8.08	62	130741	48.621	ug/l	99
43) Isopropyl Acetate	8.13	43	192430	49.094	ug/l #	91
44) Trichloroethene	8.80	130	89503	44.930	ug/l	97
45) 1,2-Dichloropropane	9.08	63	110377	47.681	ug/l	98
46) Dibromomethane	9.18	93	65089	48.672	ug/l	99
47) Bromodichloromethane	9.37	83	139791	47.727	ug/l	99
48) Methyl methacrylate	9.17	41	94770	51.101	ug/l	97
49) 1,4-Dioxane	9.18	88	9318	240.123	ug/l #	76
51) 4-Methyl-2-Pentanone	9.96	43	600817	242.504	ug/l	99
52) Toluene	10.12	92	230112	47.633	ug/l	100
53) t-1,3-Dichloropropene	10.36	75	146146	48.250	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	160718	48.370	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	96852	46.887	ug/l	97
56) Ethyl methacrylate	10.41	69	140244	44.169	ug/l	99
57) 1,3-Dichloropropane	10.68	76	164163	47.859	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	212951	273.355	ug/l	99
59) 2-Hexanone	10.73	43	413676	239.374	ug/l	99
60) Dibromochloromethane	10.88	129	105143	45.994	ug/l	99
61) 1,2-Dibromoethane	10.98	107	96010	48.372	ug/l	100
64) Tetrachloroethene	10.60	164	77385	45.765	ug/l	99
65) Chlorobenzene	11.41	112	242362	46.913	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	96766	48.156	ug/l	99
67) Ethyl Benzene	11.49	91	433869	49.702	ug/l	99
68) m/p-Xylenes	11.60	106	323674	99.763	ug/l	99
69) o-Xylene	11.92	106	158134	50.756	ug/l	100
70) Styrene	11.94	104	274229	44.571	ug/l	99
71) Bromoform	12.10	173	77074	48.188	ug/l #	100
73) Isopropylbenzene	12.23	105	415739	49.685	ug/l	100
74) N-amyl acetate	12.05	43	174073	58.086	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	141387	52.446	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	123330m	51.927	ug/l	
77) Bromobenzene	12.50	156	107898	46.886	ug/l	96
78) n-propylbenzene	12.57	91	471307	49.417	ug/l	100
79) 2-Chlorotoluene	12.65	91	286989	47.840	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	340895	49.284	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	44629	51.608	ug/l	97
82) 4-Chlorotoluene	12.75	91	292586	47.899	ug/l	99
83) tert-Butylbenzene	12.97	119	288060	48.251	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	319299	47.384	ug/l	98
85) sec-Butylbenzene	13.15	105	372581	46.178	ug/l	100
86) p-Isopropyltoluene	13.27	119	317943	45.225	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	188997	47.787	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	186988	46.582	ug/l	99
89) n-Butylbenzene	13.59	91	240740	36.898	ug/l	100
90) Hexachloroethane	13.85	117	65735	43.991	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	188600	49.368	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	25740	61.081	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	96337	45.902	ug/l	98
94) Hexachlorobutadiene	14.99	225	51656	36.591	ug/l	98
95) Naphthalene	15.11	128	256764	52.366	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	97585	47.245	ug/l	100

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

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