

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082619\
 Data File : VN057498.D
 Acq On : 26 Aug 2019 9:15
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/27/2019 5:30:15 PM

Quant Time: Aug 26 11:59:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 05:07:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	364086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	647483	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	582237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	228283	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	324500	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
35) Dibromofluoromethane	7.57	113	216018	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	10.08	98	870648	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
62) 4-Bromofluorobenzene	12.40	95	302857	54.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	198779	46.266	ug/l	96
3) Chloromethane	2.04	50	266340	43.403	ug/l	97
4) Vinyl Chloride	2.17	62	326075	43.657	ug/l	98
5) Bromomethane	2.54	94	213944	46.481	ug/l	99
6) Chloroethane	2.69	64	230309	47.937	ug/l	97
7) Trichlorofluoromethane	3.00	101	545543	47.056	ug/l	97
8) Diethyl Ether	3.39	74	199339	51.155	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	304044	52.429	ug/l	99
10) Methyl Iodide	3.92	142	400201	84.537	ug/l	95
11) Tert butyl alcohol	4.78	59	175173	220.131	ug/l #	84
12) 1,1-Dichloroethene	3.71	96	290485	46.873	ug/l	99
13) Acrolein	3.58	56	203238	290.451	ug/l	99
14) Allyl chloride	4.29	41	375897	45.797	ug/l	96
15) Acrylonitrile	4.96	53	482261	224.723	ug/l	99
16) Acetone	3.80	43	1065694	362.321	ug/l	97
17) Carbon Disulfide	4.02	76	474513	40.140	ug/l	99
18) Methyl Acetate	4.30	43	293637	46.188	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	656022	43.853	ug/l	99
20) Methylene Chloride	4.52	84	208576	47.826	ug/l	99
21) trans-1,2-Dichloroethene	5.00	96	195053	44.603	ug/l	98
22) Diisopropyl ether	5.93	45	839483	47.744	ug/l	99
23) Vinyl Acetate	5.87	43	3142035	228.787	ug/l	99
24) 1,1-Dichloroethane	5.82	63	433448	46.515	ug/l	99
25) 2-Butanone	6.82	43	768884	240.737	ug/l	98
26) 2,2-Dichloropropane	6.80	77	366353	45.399	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	244196	47.106	ug/l	99
28) Bromochloromethane	7.18	49	230881	46.009	ug/l	98
29) Tetrahydrofuran	7.20	42	471127	223.704	ug/l	98
30) Chloroform	7.35	83	423267	48.960	ug/l	99
31) Cyclohexane	7.63	56	419580	46.636	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	358854	44.894	ug/l	98
36) 1,1-Dichloropropene	7.77	75	315600	47.702	ug/l	99
37) Ethyl Acetate	6.91	43	300402	45.951	ug/l	100
38) Carbon Tetrachloride	7.76	117	293869	44.711	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	396054	50.405	ug/l	97
40) Benzene	8.02	78	942184	47.447	ug/l	98
41) Methacrylonitrile	7.15	41	135385	43.429	ug/l	96
42) 1,2-Dichloroethane	8.11	62	359385	47.004	ug/l	99
43) Isopropyl Acetate	8.15	43	546730	45.609	ug/l	99
44) Trichloroethene	8.82	130	216694	48.886	ug/l	94
45) 1,2-Dichloropropane	9.11	63	266173	47.595	ug/l	100
46) Dibromomethane	9.20	93	160370	48.932	ug/l	97
47) Bromodichloromethane	9.39	83	342904	46.476	ug/l	98
48) Methyl methacrylate	9.19	41	263567	46.239	ug/l	97
49) 1,4-Dioxane	9.19	88	65337	886.388	ug/l	95
51) 4-Methyl-2-Pentanone	9.98	43	1532377	229.374	ug/l	99
52) Toluene	10.15	92	580983	50.763	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	366201	47.385	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	400045	46.492	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	215921	46.652	ug/l	98
56) Ethyl methacrylate	10.43	69	353188	48.510	ug/l	98
57) 1,3-Dichloropropane	10.70	76	388769	48.263	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	560796	274.751	ug/l	98
59) 2-Hexanone	10.75	43	1106428	241.463	ug/l	100
60) Dibromochloromethane	10.90	129	229188	46.858	ug/l	99
61) 1,2-Dibromoethane	11.00	107	219864	48.434	ug/l	99
64) Tetrachloroethene	10.63	164	191554	47.026	ug/l	97
65) Chlorobenzene	11.43	112	565656	48.060	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	215927	47.837	ug/l	99
67) Ethyl Benzene	11.51	91	1154572	50.681	ug/l	98
68) m/p-Xylenes	11.62	106	816271	105.360	ug/l	99
69) o-Xylene	11.94	106	394332	51.380	ug/l	99
70) Styrene	11.96	104	652618	53.702	ug/l	99
71) Bromoform	12.12	173	140034	45.893	ug/l #	100
73) Isopropylbenzene	12.25	105	1077719	53.476	ug/l	100
74) N-amyl acetate	12.07	43	457781	47.851	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	286951	49.128	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	247557m	48.912	ug/l	
77) Bromobenzene	12.53	156	218313	52.260	ug/l	99
78) n-propylbenzene	12.59	91	1230723	53.153	ug/l	100
79) 2-Chlorotoluene	12.67	91	719791	53.042	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	891846	53.842	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	92370	44.550	ug/l	96
82) 4-Chlorotoluene	12.77	91	718369	52.941	ug/l	98
83) tert-Butylbenzene	12.99	119	748133	54.102	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	873750	49.232	ug/l	99
85) sec-Butylbenzene	13.17	105	1010010	53.740	ug/l	100
86) p-Isopropyltoluene	13.29	119	862529	48.338	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	357991	48.549	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	353492	48.952	ug/l	99
89) n-Butylbenzene	13.62	91	774658	51.301	ug/l	100
90) Hexachloroethane	13.88	117	163829	49.007	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	342229	48.618	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	47646	43.605	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	119924	42.955	ug/l	99
94) Hexachlorobutadiene	15.01	225	93299	52.171	ug/l	97
95) Naphthalene	15.13	128	370893	41.635	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	120801	43.221	ug/l	99

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

