

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062019\
 Data File : VN056388.D
 Acq On : 20 Jun 2019 9:25
 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
 6/21/2019 10:50:30 PM

Quant Time: Jun 21 04:37:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	395636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	603186	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	525903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	223482	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	218381	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
35) Dibromofluoromethane	7.59	113	191353	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
50) Toluene-d8	10.09	98	723362	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
62) 4-Bromofluorobenzene	12.40	95	245944	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	169224	50.514	ug/l	98
3) Chloromethane	2.06	50	212912	46.676	ug/l	100
4) Vinyl Chloride	2.19	62	214728	48.739	ug/l	99
5) Bromomethane	2.56	94	139221	53.903	ug/l	98
6) Chloroethane	2.70	64	126853	49.720	ug/l	99
7) Trichlorofluoromethane	3.01	101	287820	50.504	ug/l	99
8) Diethyl Ether	3.41	74	117353	48.656	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	181394	49.912	ug/l	100
10) Methyl Iodide	3.95	142	245894	50.060	ug/l	100
11) Tert butyl alcohol	4.79	59	174712	236.569	ug/l	98
12) 1,1-Dichloroethene	3.73	96	173813	49.732	ug/l	96
13) Acrolein	3.60	56	145123	233.151	ug/l	100
14) Allyl chloride	4.32	41	299920	51.551	ug/l	99
15) Acrylonitrile	4.99	53	536339	262.509	ug/l	99
16) Acetone	3.82	43	605107	275.439	ug/l	100
17) Carbon Disulfide	4.05	76	413588	52.028	ug/l	100
18) Methyl Acetate	4.32	43	221807	51.577	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	585469	50.625	ug/l	100
20) Methylene Chloride	4.55	84	202168	48.795	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	187822	49.845	ug/l	96
22) Diisopropyl ether	5.95	45	607336	49.707	ug/l	98
23) Vinyl Acetate	5.89	43	2663883	276.423	ug/l	100
24) 1,1-Dichloroethane	5.85	63	348426	49.678	ug/l	100
25) 2-Butanone	6.83	43	790870	272.002	ug/l	98
26) 2,2-Dichloropropane	6.82	77	260086	53.317	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	221593	50.265	ug/l	99
28) Bromochloromethane	7.19	49	172786	49.806	ug/l	99
29) Tetrahydrofuran	7.21	42	484523	272.688	ug/l	99
30) Chloroform	7.37	83	342996	49.560	ug/l	98
31) Cyclohexane	7.65	56	320135	47.279	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	283899	51.752	ug/l	100
36) 1,1-Dichloropropene	7.79	75	260317	49.032	ug/l	99
37) Ethyl Acetate	6.93	43	291361	55.843	ug/l	99
38) Carbon Tetrachloride	7.77	117	243600	52.469	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	327901	50.053	ug/l	100
40) Benzene	8.04	78	800033	48.989	ug/l	99
41) Methacrylonitrile	7.18	41	128095m	55.599	ug/l	
42) 1,2-Dichloroethane	8.12	62	261493	48.519	ug/l	100
43) Isopropyl Acetate	8.16	43	441360	54.860	ug/l	99
44) Trichloroethene	8.83	130	212672	48.344	ug/l	97
45) 1,2-Dichloropropane	9.12	63	214970	49.221	ug/l	100
46) Dibromomethane	9.21	93	138884	50.828	ug/l	100
47) Bromodichloromethane	9.40	83	260584	53.771	ug/l	99
48) Methyl methacrylate	9.20	41	211081	52.356	ug/l	98
49) 1,4-Dioxane	9.20	88	60906	727.974	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1416954	272.875	ug/l	100
52) Toluene	10.15	92	490069	49.084	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	274718	48.748	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	319977	54.829	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	204933	51.064	ug/l	98
56) Ethyl methacrylate	10.43	69	315458	53.786	ug/l	99
57) 1,3-Dichloropropane	10.71	76	340884	50.561	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	549605	260.841	ug/l	100
59) 2-Hexanone	10.75	43	1028893	269.594	ug/l	99
60) Dibromochloromethane	10.90	129	204102	49.503	ug/l	99
61) 1,2-Dibromoethane	11.00	107	210793	51.426	ug/l	100
64) Tetrachloroethene	10.63	164	198312	47.617	ug/l	98
65) Chlorobenzene	11.43	112	525379	49.717	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	194175	54.368	ug/l	100
67) Ethyl Benzene	11.51	91	927924	50.010	ug/l	100
68) m/p-Xylenes	11.62	106	694810	102.180	ug/l	99
69) o-Xylene	11.95	106	337840	50.219	ug/l	99
70) Styrene	11.96	104	562534	52.313	ug/l	99
71) Bromoform	12.13	173	147231	51.031	ug/l #	99
73) Isopropylbenzene	12.25	105	904457	54.103	ug/l	99
74) N-amyl acetate	12.07	43	344037	48.371	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	293395	56.883	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	251863m	54.352	ug/l	
77) Bromobenzene	12.53	156	231413	46.310	ug/l	97
78) n-propylbenzene	12.59	91	987850	48.269	ug/l	100
79) 2-Chlorotoluene	12.67	91	593073	53.001	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	743155	52.973	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	75474	57.887	ug/l	94
82) 4-Chlorotoluene	12.77	91	575215	47.602	ug/l	100
83) tert-Butylbenzene	12.99	119	650132	53.226	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	730226	48.537	ug/l	100
85) sec-Butylbenzene	13.17	105	850898	47.304	ug/l	100
86) p-Isopropyltoluene	13.29	119	758211	49.115	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	375320	49.561	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	363468	49.558	ug/l	99
89) n-Butylbenzene	13.61	91	604108	51.693	ug/l	100
90) Hexachloroethane	13.87	117	123472	51.302	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	373863	49.760	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	46840	56.645	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	171232	44.464	ug/l	97
94) Hexachlorobutadiene	15.01	225	131455	51.692	ug/l	100
95) Naphthalene	15.13	128	451686	44.783	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	186647	46.393	ug/l	100

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

