

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062619\
 Data File : VN056495.D
 Acq On : 26 Jun 2019 10:37
 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
 6/29/2019 7:22:49 AM

Quant Time: Jun 27 07:47:06 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	355997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	538782	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	476788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	207017	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	196408	49.78	ug/l	0.00
Spiked Amount			Recovery	=	99.56%	
35) Dibromofluoromethane	7.59	113	174098	51.80	ug/l	0.00
Spiked Amount			Recovery	=	103.60%	
50) Toluene-d8	10.09	98	652527	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.40	95	227615	52.21	ug/l	0.00
Spiked Amount			Recovery	=	104.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	141118	46.815	ug/l	100
3) Chloromethane	2.06	50	178089	43.389	ug/l	100
4) Vinyl Chloride	2.18	62	181570	45.802	ug/l	99
5) Bromomethane	2.53	94	119209m	51.294	ug/l	
6) Chloroethane	2.68	64	108299	47.174	ug/l	98
7) Trichlorofluoromethane	3.00	101	250529	48.855	ug/l	99
8) Diethyl Ether	3.41	74	103965	47.905	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	163706	50.060	ug/l	99
10) Methyl Iodide	3.95	142	217414	49.190	ug/l	100
11) Tert butyl alcohol	4.79	59	159888	240.603	ug/l	99
12) 1,1-Dichloroethene	3.73	96	150180	47.755	ug/l	97
13) Acrolein	3.60	56	103473	184.747	ug/l	100
14) Allyl chloride	4.32	41	261852	50.020	ug/l	100
15) Acrylonitrile	4.99	53	453518	246.688	ug/l	100
16) Acetone	3.82	43	476579	241.089	ug/l	99
17) Carbon Disulfide	4.05	76	302348	42.270	ug/l	100
18) Methyl Acetate	4.32	43	192513	49.718	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	521626	50.127	ug/l	99
20) Methylene Chloride	4.54	84	183139	49.130	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	164370	48.479	ug/l	97
22) Diisopropyl ether	5.95	45	564625	51.357	ug/l	95
23) Vinyl Acetate	5.89	43	2295569	264.727	ug/l	100
24) 1,1-Dichloroethane	5.84	63	316007	50.072	ug/l	100
25) 2-Butanone	6.83	43	642438	245.555	ug/l	100
26) 2,2-Dichloropropane	6.82	77	236242	53.822	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	199200	50.217	ug/l	99
28) Bromochloromethane	7.19	49	155614	49.851	ug/l	99
29) Tetrahydrofuran	7.21	42	398644	249.337	ug/l	98
30) Chloroform	7.37	83	318201	51.097	ug/l	100
31) Cyclohexane	7.65	56	278325	45.681	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	255490	51.759	ug/l	100
36) 1,1-Dichloropropene	7.79	75	227858	48.048	ug/l	98
37) Ethyl Acetate	6.93	43	241827	51.890	ug/l	99
38) Carbon Tetrachloride	7.77	117	210541	50.769	ug/l	98

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39) Methylcyclohexane	9.08	83	281313	48.075	ug/l	100
40) Benzene	8.04	78	721387	49.454	ug/l	98
41) Methacrylonitrile	7.18	41	109812m	53.360	ug/l	
42) 1,2-Dichloroethane	8.12	62	234890	48.792	ug/l	100
43) Isopropyl Acetate	8.16	43	380328	52.925	ug/l #	92
44) Trichloroethene	8.83	130	194635	49.533	ug/l	95
45) 1,2-Dichloropropane	9.12	63	199107	51.038	ug/l	100
46) Dibromomethane	9.21	93	126266	51.733	ug/l	99
47) Bromodichloromethane	9.40	83	235689	54.448	ug/l	98
48) Methyl methacrylate	9.20	41	186336	51.743	ug/l	96
49) 1,4-Dioxane	9.20	88	76020	1017.236	ug/l	93
51) 4-Methyl-2-Pentanone	9.98	43	1181239	254.674	ug/l	100
52) Toluene	10.15	92	445339	49.936	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	249800	49.573	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	291347	55.891	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	186881	52.132	ug/l	98
56) Ethyl methacrylate	10.43	69	276519	52.782	ug/l	100
57) 1,3-Dichloropropane	10.71	76	309912	51.462	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	419834	223.070	ug/l	100
59) 2-Hexanone	10.75	43	847908	248.730	ug/l	99
60) Dibromochloromethane	10.90	129	186725	50.644	ug/l	98
61) 1,2-Dibromoethane	11.00	107	190104	51.923	ug/l	100
64) Tetrachloroethene	10.63	164	191258	50.654	ug/l	99
65) Chlorobenzene	11.43	112	485272	50.653	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	180805	55.839	ug/l	100
67) Ethyl Benzene	11.51	91	853280	50.725	ug/l	100
68) m/p-Xylenes	11.62	106	642381	104.201	ug/l	100
69) o-Xylene	11.95	106	313570	51.413	ug/l	99
70) Styrene	11.96	104	525185	53.871	ug/l	99
71) Bromoform	12.13	173	130619	50.004	ug/l #	98
73) Isopropylbenzene	12.25	105	839521	54.219	ug/l	100
74) N-amyl acetate	12.07	43	310654	47.151	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	259558	54.177	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	222887m	51.924	ug/l	
77) Bromobenzene	12.53	156	219400	47.398	ug/l	98
78) n-propylbenzene	12.59	91	916803	48.360	ug/l	100
79) 2-Chlorotoluene	12.67	91	561727	54.252	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	696746	53.644	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	67326	55.745	ug/l	93
82) 4-Chlorotoluene	12.77	91	539529	48.200	ug/l	99
83) tert-Butylbenzene	12.99	119	617279	54.629	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	678567	48.691	ug/l	99
85) sec-Butylbenzene	13.17	105	808793	48.539	ug/l	99
86) p-Isopropyltoluene	13.29	119	711534	49.757	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	355268	50.645	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	340128	50.065	ug/l	99
89) n-Butylbenzene	13.61	91	532380	49.178	ug/l	99
90) Hexachloroethane	13.87	117	116398	52.210	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	350928	50.422	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	39022	50.943	ug/l	99

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93) 1,2,4-Trichlorobenzene	14.91	180	149039	42.118	ug/l	99
94) Hexachlorobutadiene	15.01	225	133132	56.697	ug/l	100
95) Naphthalene	15.13	128	371046	40.307	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	161458	43.621	ug/l	99

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

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