

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102519\
 Data File : VN058946.D
 Acq On : 24 Oct 2019 9:27
 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
 10/25/2019 2:36:38 PM

Quant Time: Oct 25 01:33:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	341662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	531353	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	505465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	259017	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	243459	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
35) Dibromofluoromethane	7.57	113	176425	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
50) Toluene-d8	10.08	98	687383	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
62) 4-Bromofluorobenzene	12.40	95	260944	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	204650	48.042	ug/l	99
3) Chloromethane	2.04	50	237767	45.067	ug/l	98
4) Vinyl Chloride	2.17	62	240907	45.988	ug/l	99
5) Bromomethane	2.54	94	136049	41.474	ug/l	99
6) Chloroethane	2.68	64	157183	46.790	ug/l	99
7) Trichlorofluoromethane	2.99	101	322503	49.756	ug/l	99
8) Diethyl Ether	3.39	74	110029	49.123	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	174263	48.497	ug/l	99
10) Methyl Iodide	3.92	142	183529	38.834	ug/l	99
11) Tert butyl alcohol	4.75	59	206334	248.130	ug/l #	86
12) 1,1-Dichloroethene	3.71	96	164282	48.775	ug/l	98
13) Acrolein	3.58	56	87686	153.467	ug/l	98
14) Allyl chloride	4.29	41	336691	49.401	ug/l	99
15) Acrylonitrile	4.95	53	542818	259.510	ug/l	99
16) Acetone	3.79	43	731220	295.306	ug/l	100
17) Carbon Disulfide	4.02	76	494009	45.532	ug/l	99
18) Methyl Acetate	4.29	43	279890	49.718	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	603098	51.137	ug/l	99
20) Methylene Chloride	4.52	84	199596	47.207	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	183862	49.430	ug/l	99
22) Diisopropyl ether	5.92	45	699769	52.492	ug/l	97
23) Vinyl Acetate	5.87	43	2947570	275.204	ug/l	100
24) 1,1-Dichloroethane	5.82	63	379155	49.050	ug/l	99
25) 2-Butanone	6.81	43	878592	273.339	ug/l	100
26) 2,2-Dichloropropane	6.80	77	331366	49.560	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	212004	49.893	ug/l	100
28) Bromochloromethane	7.17	49	127638	49.580	ug/l	99
29) Tetrahydrofuran	7.18	42	514544	261.682	ug/l	100
30) Chloroform	7.35	83	378155	48.770	ug/l	99
31) Cyclohexane	7.63	56	331099	45.978	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	324797	49.696	ug/l	100
36) 1,1-Dichloropropene	7.77	75	284040	52.214	ug/l	100
37) Ethyl Acetate	6.90	43	321908	54.308	ug/l	100
38) Carbon Tetrachloride	7.75	117	281636	50.254	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	310407	50.818	ug/l	98
40) Benzene	8.02	78	831174	52.032	ug/l	99
41) Methacrylonitrile	7.15	41	133965m	50.745	ug/l	
42) 1,2-Dichloroethane	8.10	62	316727	51.471	ug/l	100
43) Isopropyl Acetate	8.14	43	502509	52.861	ug/l	100
44) Trichloroethene	8.82	130	200837	51.612	ug/l	98
45) 1,2-Dichloropropane	9.10	63	227890	52.025	ug/l	96
46) Dibromomethane	9.19	93	144823	52.298	ug/l	100
47) Bromodichloromethane	9.39	83	304128	53.286	ug/l	100
48) Methyl methacrylate	9.18	41	238305	55.252	ug/l	99
49) 1,4-Dioxane	9.19	88	83985	1186.196	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1622425	292.192	ug/l	100
52) Toluene	10.15	92	512308	54.081	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	340185	53.842	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	362519	53.704	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	202755	51.956	ug/l	98
56) Ethyl methacrylate	10.42	69	319149	48.741	ug/l	99
57) 1,3-Dichloropropane	10.70	76	360832	52.682	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	698313	252.220	ug/l	100
59) 2-Hexanone	10.75	43	1292239	301.174	ug/l	99
60) Dibromochloromethane	10.90	129	227529	54.168	ug/l	98
61) 1,2-Dibromoethane	11.00	107	212389	53.181	ug/l	99
64) Tetrachloroethene	10.63	164	178143	50.324	ug/l	97
65) Chlorobenzene	11.43	112	541668	52.637	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	205846	53.009	ug/l	99
67) Ethyl Benzene	11.51	91	996048	55.176	ug/l	98
68) m/p-Xylenes	11.62	106	747348	111.635	ug/l	99
69) o-Xylene	11.95	106	346925	54.336	ug/l	100
70) Styrene	11.96	104	600596	50.928	ug/l	99
71) Bromoform	12.13	173	159953	53.119	ug/l #	99
73) Isopropylbenzene	12.25	105	967857	51.130	ug/l	99
74) N-amyl acetate	12.07	43	453776	52.877	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	322994	48.527	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	281412m	46.879	ug/l	
77) Bromobenzene	12.53	156	231682	49.656	ug/l	99
78) n-propylbenzene	12.59	91	1179230	52.703	ug/l	100
79) 2-Chlorotoluene	12.68	91	689358	50.338	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	845391	53.156	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	113536	49.270	ug/l	98
82) 4-Chlorotoluene	12.78	91	721912	51.584	ug/l	100
83) tert-Butylbenzene	13.00	119	698574	51.365	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	864988	55.141	ug/l	100
85) sec-Butylbenzene	13.17	105	972866	53.654	ug/l	100
86) p-Isopropyltoluene	13.29	119	892782	55.802	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	435183	52.163	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	428500	51.301	ug/l	99
89) n-Butylbenzene	13.62	91	802809	54.624	ug/l	100
90) Hexachloroethane	13.88	117	162977	50.271	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	429070	52.327	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	72300	48.026	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	248337	48.205	ug/l	100
94) Hexachlorobutadiene	15.01	225	129809	48.843	ug/l	98
95) Naphthalene	15.13	128	690817	46.716	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	241684	48.185	ug/l	99

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

