

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100119\
 Data File : VN058451.D
 Acq On : 1 Oct 2019 9:50
 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
 10/3/2019 12:20:10 PM

Quant Time: Oct 02 05:42:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	418366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	701280	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	642678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	309785	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	307052	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
35) Dibromofluoromethane	7.57	113	226033	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
50) Toluene-d8	10.08	98	880132	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
62) 4-Bromofluorobenzene	12.41	95	327438	53.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	236275	51.506	ug/l	100
3) Chloromethane	2.03	50	256045	50.770	ug/l	99
4) Vinyl Chloride	2.17	62	254010	51.414	ug/l	99
5) Bromomethane	2.53	94	134644	51.309	ug/l	96
6) Chloroethane	2.67	64	152538	51.530	ug/l	96
7) Trichlorofluoromethane	2.99	101	303579	50.919	ug/l	97
8) Diethyl Ether	3.39	74	133134	51.755	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	208922	51.599	ug/l	99
10) Methyl Iodide	3.93	142	236942	52.776	ug/l	99
11) Tert butyl alcohol	4.75	59	187970	276.757	ug/l	99
12) 1,1-Dichloroethene	3.71	96	197039	49.926	ug/l	97
13) Acrolein	3.58	56	78214	362.064	ug/l	100
14) Allyl chloride	4.29	41	370042	51.522	ug/l	99
15) Acrylonitrile	4.96	53	541343	273.481	ug/l	99
16) Acetone	3.79	43	609067	292.242	ug/l	99
17) Carbon Disulfide	4.03	76	544916	52.378	ug/l	98
18) Methyl Acetate	4.30	43	262348	50.049	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	722705	51.899	ug/l	99
20) Methylene Chloride	4.53	84	235108	48.883	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	224601	51.177	ug/l	99
22) Diisopropyl ether	5.92	45	806069	52.153	ug/l	98
23) Vinyl Acetate	5.87	43	3342229	286.793	ug/l	99
24) 1,1-Dichloroethane	5.82	63	454267	52.224	ug/l	100
25) 2-Butanone	6.81	43	801401	280.071	ug/l	100
26) 2,2-Dichloropropane	6.80	77	377250	52.754	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	262911	51.256	ug/l	98
28) Bromochloromethane	7.17	49	183353	52.733	ug/l	99
29) Tetrahydrofuran	7.19	42	487119	268.219	ug/l	100
30) Chloroform	7.35	83	453333	51.431	ug/l	98
31) Cyclohexane	7.63	56	415429	49.098	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	385852	53.307	ug/l	100
36) 1,1-Dichloropropene	7.77	75	352453	52.561	ug/l	99
37) Ethyl Acetate	6.90	43	316155	55.610	ug/l	100
38) Carbon Tetrachloride	7.75	117	323654	53.472	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	421091	53.774	ug/l	98
40) Benzene	8.02	78	1003966	52.086	ug/l	98
41) Methacrylonitrile	7.15	41	136446m	52.169	ug/l	
42) 1,2-Dichloroethane	8.11	62	385747	51.440	ug/l	100
43) Isopropyl Acetate	8.15	43	538704	50.389	ug/l	99
44) Trichloroethene	8.82	130	246021	51.692	ug/l	98
45) 1,2-Dichloropropane	9.11	63	277074	53.598	ug/l	98
46) Dibromomethane	9.20	93	173306	52.938	ug/l	98
47) Bromodichloromethane	9.39	83	348422	56.173	ug/l	99
48) Methyl methacrylate	9.19	41	260985	53.612	ug/l	99
49) 1,4-Dioxane	9.19	88	90057	1383.532	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	1588654	289.292	ug/l	99
52) Toluene	10.15	92	624684	51.489	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	389268	57.659	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	422142	56.330	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	241783	54.732	ug/l	98
56) Ethyl methacrylate	10.43	69	376325	56.141	ug/l	99
57) 1,3-Dichloropropane	10.71	76	427751	54.285	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	748917	280.189	ug/l	99
59) 2-Hexanone	10.75	43	1207155	301.890	ug/l	100
60) Dibromochloromethane	10.90	129	248929	54.465	ug/l	99
61) 1,2-Dibromoethane	11.00	107	245142	54.309	ug/l	100
64) Tetrachloroethene	10.63	164	204398	50.059	ug/l	97
65) Chlorobenzene	11.43	112	659929	51.658	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	235633	54.745	ug/l	100
67) Ethyl Benzene	11.51	91	1237508	53.481	ug/l	99
68) m/p-Xylenes	11.62	106	915573	105.167	ug/l	98
69) o-Xylene	11.95	106	437268	52.176	ug/l	97
70) Styrene	11.97	104	747793	54.925	ug/l	99
71) Bromoform	12.13	173	160394	53.869	ug/l #	98
73) Isopropylbenzene	12.25	105	1217991	53.202	ug/l	100
74) N-amyl acetate	12.07	43	491332	53.946	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	352945	52.135	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	307678m	54.377	ug/l	
77) Bromobenzene	12.53	156	271803	50.633	ug/l	98
78) n-propylbenzene	12.60	91	1439667	55.818	ug/l	100
79) 2-Chlorotoluene	12.68	91	832342	52.283	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	1040921	54.315	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	104381	56.028	ug/l	99
82) 4-Chlorotoluene	12.78	91	861964	53.061	ug/l	100
83) tert-Butylbenzene	13.00	119	868712	53.719	ug/l	99
84) 1,2,4-Trimethylbenzene	13.05	105	1038762	54.099	ug/l	98
85) sec-Butylbenzene	13.18	105	1207047	56.710	ug/l	100
86) p-Isopropyltoluene	13.30	119	1072138	57.224	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	509571	52.351	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	506457	52.296	ug/l	100
89) n-Butylbenzene	13.62	91	976872	57.559	ug/l	100
90) Hexachloroethane	13.88	117	171839	61.044	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	504710	53.965	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	68685	57.534	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	299423	57.936	ug/l	100
94) Hexachlorobutadiene	15.02	225	150641	56.709	ug/l	99
95) Naphthalene	15.14	128	789841	52.187	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	273065	52.702	ug/l	99

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

