

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011119\
 Data File : VN053353.D
 Acq On : 11 Jan 2019 9:05
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/14/2019 10:41:48 AM

Quant Time: Jan 12 00:52:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	883476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1294864	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1179363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	600663	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	437612	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
35) Dibromofluoromethane	7.59	113	393269	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
50) Toluene-d8	10.09	98	1622620	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.40	95	587014	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	387157	49.707	ug/l	99
3) Chloromethane	2.06	50	504938	46.423	ug/l	99
4) Vinyl Chloride	2.19	62	496423	47.818	ug/l	100
5) Bromomethane	2.57	94	332682	49.041	ug/l	100
6) Chloroethane	2.71	64	295261	47.120	ug/l	98
7) Trichlorofluoromethane	3.02	101	659603	49.052	ug/l	100
8) Diethyl Ether	3.41	74	244797	46.446	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	429134	50.354	ug/l	100
10) Methyl Iodide	3.96	142	624357	52.265	ug/l	100
11) Tert butyl alcohol	4.77	59	108092	195.519	ug/l #	88
12) 1,1-Dichloroethene	3.74	96	399328	48.442	ug/l	100
13) Acrolein	3.60	56	124308	178.833	ug/l	99
14) Allyl chloride	4.33	41	659263	49.620	ug/l	96
15) Acrylonitrile	4.98	53	724167	219.428	ug/l	100
16) Acetone	3.81	43	576943	260.908	ug/l	97
17) Carbon Disulfide	4.06	76	1148592	45.194	ug/l	99
18) Methyl Acetate	4.32	43	351498	42.254	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	1067566	46.143	ug/l	99
20) Methylene Chloride	4.55	84	454837	46.074	ug/l	100
21) trans-1,2-Dichloroethene	5.04	96	426645	48.202	ug/l	99
22) Diisopropyl ether	5.95	45	1400108	48.916	ug/l	97
23) Vinyl Acetate	5.89	43	4338182	240.881	ug/l	100
24) 1,1-Dichloroethane	5.85	63	804784	48.751	ug/l	99
25) 2-Butanone	6.83	43	843758	223.756	ug/l	99
26) 2,2-Dichloropropane	6.82	77	613955	50.878	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	491054	48.582	ug/l	98
28) Bromochloromethane	7.19	49	347992	49.468	ug/l	100
29) Tetrahydrofuran	7.21	42	533904	214.554	ug/l	98
30) Chloroform	7.37	83	785226	48.326	ug/l	98
31) Cyclohexane	7.65	56	772319	49.229	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	658290	48.619	ug/l	99
36) 1,1-Dichloropropene	7.79	75	621939	51.449	ug/l	99
37) Ethyl Acetate	6.92	43	357419	45.393	ug/l	99
38) Carbon Tetrachloride	7.77	117	580545	52.031	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	792090	56.560	ug/l	99
40) Benzene	8.04	78	1859014	50.345	ug/l	99
41) Methacrylonitrile	7.17	41	207070	42.359	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	544826	49.742	ug/l	100
43) Isopropyl Acetate	8.16	43	639970	41.315	ug/l	99
44) Trichloroethene	8.83	130	520476	51.333	ug/l	99
45) 1,2-Dichloropropane	9.12	63	493207	50.926	ug/l	99
46) Dibromomethane	9.21	93	278554	49.329	ug/l	99
47) Bromodichloromethane	9.40	83	604345	51.356	ug/l	99
48) Methyl methacrylate	9.20	41	325024	46.186	ug/l	99
49) 1,4-Dioxane	9.20	88	66899	892.260	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1786442	229.337	ug/l	100
52) Toluene	10.15	92	1163359	51.354	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	615434	51.124	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	727464	52.295	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	404079	48.511	ug/l	99
56) Ethyl methacrylate	10.43	69	520202	48.058	ug/l	99
57) 1,3-Dichloropropane	10.71	76	690583	49.577	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1414430	241.701	ug/l	99
59) 2-Hexanone	10.75	43	1304050	244.335	ug/l	100
60) Dibromochloromethane	10.90	129	456388	50.799	ug/l	99
61) 1,2-Dibromoethane	11.00	107	399255	48.572	ug/l	99
64) Tetrachloroethene	10.63	164	591700	53.306	ug/l	99
65) Chlorobenzene	11.43	112	1297862	50.658	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	452280	50.436	ug/l	99
67) Ethyl Benzene	11.51	91	2261347	51.944	ug/l	100
68) m/p-Xylenes	11.62	106	1743592	106.511	ug/l	100
69) o-Xylene	11.95	106	840399	52.438	ug/l	99
70) Styrene	11.96	104	1395737	53.511	ug/l	100
71) Bromoform	12.13	173	315277	49.775	ug/l #	99
73) Isopropylbenzene	12.25	105	2271717	50.798	ug/l	100
74) N-amyl acetate	12.07	43	606183	45.393	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	437060	42.485	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	395634m	45.159	ug/l	
77) Bromobenzene	12.53	156	578653	48.480	ug/l	99
78) n-propylbenzene	12.59	91	2679043	52.960	ug/l	99
79) 2-Chlorotoluene	12.67	91	1545774	50.501	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1891717	52.514	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	145750	48.947	ug/l	99
82) 4-Chlorotoluene	12.77	91	1602554	51.059	ug/l	100
83) tert-Butylbenzene	12.99	119	1677886	53.089	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1914266	52.162	ug/l	99
85) sec-Butylbenzene	13.17	105	2323397	55.742	ug/l	100
86) p-Isopropyltoluene	13.29	119	2049589	56.794	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1074329	51.112	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1059543	50.816	ug/l	100
89) n-Butylbenzene	13.61	91	1764171	58.308	ug/l	100
90) Hexachloroethane	13.87	117	313022	54.116	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	999366	50.759	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	63167	50.624	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	393938	63.635	ug/l	99
94) Hexachlorobutadiene	15.01	225	329348	65.043	ug/l	98
95) Naphthalene	15.13	128	607099	57.486	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	255397	63.014	ug/l	99

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

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