

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112119\
 Data File : VN059328.D
 Acq On : 21 Nov 2019 12:03
 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
 11/22/2019 3:11:45 PM

Quant Time: Nov 22 06:13:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	414730	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	649140	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	578372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	269558	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	241367	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
35) Dibromofluoromethane	7.57	113	196069	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
50) Toluene-d8	10.08	98	773292	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
62) 4-Bromofluorobenzene	12.40	95	275256	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	234481	44.163	ug/l	98
3) Chloromethane	2.04	50	277052	42.594	ug/l	99
4) Vinyl Chloride	2.17	62	299225	44.682	ug/l	100
5) Bromomethane	2.55	94	162877	43.808	ug/l	98
6) Chloroethane	2.69	64	152361	41.687	ug/l	98
7) Trichlorofluoromethane	3.00	101	299779	41.570	ug/l	100
8) Diethyl Ether	3.39	74	133121	45.153	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.73	101	194021	43.999	ug/l	100
10) Methyl Iodide	3.93	142	254809	46.495	ug/l	100
11) Tert butyl alcohol	4.75	59	206781	207.553	ug/l	99
12) 1,1-Dichloroethene	3.71	96	195408	43.656	ug/l	98
13) Acrolein	3.58	56	192212	211.350	ug/l	100
14) Allyl chloride	4.29	41	365433	43.702	ug/l	99
15) Acrylonitrile	4.95	53	565774	214.782	ug/l	99
16) Acetone	3.79	43	578998	259.503	ug/l	100
17) Carbon Disulfide	4.03	76	615897	43.921	ug/l	99
18) Methyl Acetate	4.29	43	315563	42.617	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	651990	45.098	ug/l	99
20) Methylene Chloride	4.52	84	215662	42.857	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	210846	44.446	ug/l	99
22) Diisopropyl ether	5.92	45	697975	44.333	ug/l	98
23) Vinyl Acetate	5.86	43	2801160	226.255	ug/l	100
24) 1,1-Dichloroethane	5.82	63	397022	44.802	ug/l	99
25) 2-Butanone	6.81	43	786221	226.611	ug/l	99
26) 2,2-Dichloropropane	6.80	77	332928	43.388	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	237485	44.371	ug/l	98
28) Bromochloromethane	7.17	49	159827	44.546	ug/l	98
29) Tetrahydrofuran	7.18	42	501258	208.943	ug/l	99
30) Chloroform	7.35	83	379357	44.099	ug/l	99
31) Cyclohexane	7.63	56	374734	42.768	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	321300	43.485	ug/l	99
36) 1,1-Dichloropropene	7.77	75	303038	45.220	ug/l	100
37) Ethyl Acetate	6.90	43	308447	42.827	ug/l	99
38) Carbon Tetrachloride	7.75	117	284086	44.282	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.07	83	369461	45.720	ug/l	98
40) Benzene	8.02	78	887777	45.137	ug/l	100
41) Methacrylonitrile	7.15	41	139412m	43.604	ug/l	
42) 1,2-Dichloroethane	8.10	62	292218	44.923	ug/l	100
43) Isopropyl Acetate	8.14	43	485715	44.128	ug/l	99
44) Trichloroethene	8.82	130	225302	45.198	ug/l	99
45) 1,2-Dichloropropane	9.10	63	237503	45.284	ug/l	99
46) Dibromomethane	9.19	93	145682	45.285	ug/l	99
47) Bromodichloromethane	9.39	83	296157	45.967	ug/l	98
48) Methyl methacrylate	9.18	41	219743	43.902	ug/l	98
49) 1,4-Dioxane	9.19	88	72701	966.425	ug/l	96
51) 4-Methyl-2-Pentanone	9.97	43	1467093	227.717	ug/l	99
52) Toluene	10.15	92	537232	45.426	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	340393	45.449	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	377080	46.398	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	208490	45.341	ug/l	99
56) Ethyl methacrylate	10.42	69	326108	42.343	ug/l	99
57) 1,3-Dichloropropane	10.70	76	361770	45.140	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	530592	191.959	ug/l	99
59) 2-Hexanone	10.74	43	1104471	234.119	ug/l	99
60) Dibromochloromethane	10.90	129	224855	46.405	ug/l	100
61) 1,2-Dibromoethane	11.00	107	214595	44.852	ug/l	99
64) Tetrachloroethene	10.63	164	195371	43.676	ug/l	98
65) Chlorobenzene	11.43	112	556530	44.751	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	206176	45.635	ug/l	99
67) Ethyl Benzene	11.51	91	1018697	45.877	ug/l	100
68) m/p-Xylenes	11.62	106	759092	92.001	ug/l	100
69) o-Xylene	11.95	106	360251	45.607	ug/l	99
70) Styrene	11.96	104	587437	47.131	ug/l	100
71) Bromoform	12.13	173	160092	46.789	ug/l #	98
73) Isopropylbenzene	12.25	105	976012	44.200	ug/l	100
74) N-amyl acetate	12.07	43	385653	43.457	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	304914	41.743	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	271137m	43.539	ug/l	
77) Bromobenzene	12.53	156	231238	43.174	ug/l	99
78) n-propylbenzene	12.59	91	1126998	45.056	ug/l	99
79) 2-Chlorotoluene	12.67	91	665704	43.360	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	823587	44.368	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	111334	44.716	ug/l	97
82) 4-Chlorotoluene	12.77	91	686449	43.206	ug/l	99
83) tert-Butylbenzene	12.99	119	700763	44.699	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	818431	45.009	ug/l	100
85) sec-Butylbenzene	13.17	105	942572	44.732	ug/l	100
86) p-Isopropyltoluene	13.29	119	855660	45.634	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	413775	43.381	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	407975	43.231	ug/l	99
89) n-Butylbenzene	13.62	91	753405	45.804	ug/l	99
90) Hexachloroethane	13.88	117	152000	42.804	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	400084	43.354	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	62285	40.106	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	245407	43.182	ug/l	99
94) Hexachlorobutadiene	15.01	225	139441	41.940	ug/l	99
95) Naphthalene	15.13	128	662116	42.190	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	247340	44.137	ug/l	100

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

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