

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112919\
 Data File : VN059448.D
 Acq On : 29 Nov 2019 15:07
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/2/2019 10:38:58 AM

Quant Time: Nov 29 23:52:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112719W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 16:56:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	378362	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	579597	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	524587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	246642	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	222800	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
35) Dibromofluoromethane	7.57	113	180791	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
50) Toluene-d8	10.08	98	724504	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
62) 4-Bromofluorobenzene	12.40	95	256792	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	218341	49.029	ug/l	99
3) Chloromethane	2.04	50	254454	46.778	ug/l	99
4) Vinyl Chloride	2.17	62	245200	46.908	ug/l	99
5) Bromomethane	2.55	94	140499	44.642	ug/l	97
6) Chloroethane	2.68	64	137998	47.085	ug/l	98
7) Trichlorofluoromethane	3.00	101	301510	48.426	ug/l	97
8) Diethyl Ether	3.39	74	119103	47.003	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	185457	48.363	ug/l	99
10) Methyl Iodide	3.93	142	243851	48.856	ug/l	99
11) Tert butyl alcohol	4.76	59	182350	237.497	ug/l #	85
12) 1,1-Dichloroethene	3.71	96	180256	47.999	ug/l	95
13) Acrolein	3.58	56	181743	242.485	ug/l	99
14) Allyl chloride	4.30	41	330059	47.389	ug/l	98
15) Acrylonitrile	4.96	53	532408	248.849	ug/l	100
16) Acetone	3.79	43	523519	247.942	ug/l	99
17) Carbon Disulfide	4.03	76	578050	44.855	ug/l	100
18) Methyl Acetate	4.30	43	267656	46.549	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	593929	49.079	ug/l	99
20) Methylene Chloride	4.52	84	200853	46.815	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	195146	47.695	ug/l	97
22) Diisopropyl ether	5.93	45	642111	49.610	ug/l	98
23) Vinyl Acetate	5.87	43	2627419	251.622	ug/l	99
24) 1,1-Dichloroethane	5.82	63	363513	48.814	ug/l	99
25) 2-Butanone	6.81	43	724110	249.288	ug/l	99
26) 2,2-Dichloropropane	6.80	77	307022	48.445	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	218417	48.810	ug/l	99
28) Bromochloromethane	7.17	49	153700	48.283	ug/l	100
29) Tetrahydrofuran	7.19	42	479035	247.965	ug/l	99
30) Chloroform	7.35	83	346595	46.251	ug/l	99
31) Cyclohexane	7.63	56	344346	46.126	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	301183	49.147	ug/l	100
36) 1,1-Dichloropropene	7.77	75	272025	48.805	ug/l	99
37) Ethyl Acetate	6.90	43	286727	48.622	ug/l	99
38) Carbon Tetrachloride	7.75	117	264874	50.355	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	336778	50.506	ug/l	100
40) Benzene	8.02	78	812448	49.093	ug/l	99
41) Methacrylonitrile	7.16	41	140417m	51.137	ug/l	
42) 1,2-Dichloroethane	8.11	62	264658	50.434	ug/l	100
43) Isopropyl Acetate	8.15	43	452372	50.496	ug/l	100
44) Trichloroethene	8.82	130	210550	49.897	ug/l	99
45) 1,2-Dichloropropane	9.10	63	216070	49.915	ug/l	100
46) Dibromomethane	9.20	93	132647	49.656	ug/l	99
47) Bromodichloromethane	9.39	83	267124	49.441	ug/l	98
48) Methyl methacrylate	9.19	41	198761	50.009	ug/l	99
49) 1,4-Dioxane	9.19	88	59727	1028.928	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	1387289	266.976	ug/l	100
52) Toluene	10.15	92	491480	49.710	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	312363	50.314	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	342125	51.050	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	192207	49.668	ug/l	99
56) Ethyl methacrylate	10.42	69	298752	54.401	ug/l	99
57) 1,3-Dichloropropane	10.70	76	331432	49.553	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	550824	332.202	ug/l	100
59) 2-Hexanone	10.74	43	1018957	264.447	ug/l	99
60) Dibromochloromethane	10.90	129	208126	51.523	ug/l	100
61) 1,2-Dibromoethane	11.00	107	199700	50.359	ug/l	100
64) Tetrachloroethene	10.63	164	201490	51.929	ug/l	98
65) Chlorobenzene	11.43	112	512011	48.212	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	190098	49.360	ug/l	100
67) Ethyl Benzene	11.51	91	930566	49.886	ug/l	99
68) m/p-Xylenes	11.62	106	695898	99.920	ug/l	99
69) o-Xylene	11.95	106	329939	49.397	ug/l	99
70) Styrene	11.96	104	536497	53.193	ug/l	100
71) Bromoform	12.13	173	151190	51.557	ug/l #	99
73) Isopropylbenzene	12.25	105	890481	48.736	ug/l	100
74) N-amyl acetate	12.07	43	352874	54.198	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	281659	47.270	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	274551m	49.205	ug/l	
77) Bromobenzene	12.53	156	215359	48.142	ug/l	100
78) n-propylbenzene	12.59	91	1035097	49.160	ug/l	100
79) 2-Chlorotoluene	12.67	91	607168	48.233	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	748960	48.764	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	106425	49.009	ug/l	99
82) 4-Chlorotoluene	12.77	91	626832	48.397	ug/l	99
83) tert-Butylbenzene	12.99	119	633785	48.057	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	736392	48.944	ug/l	99
85) sec-Butylbenzene	13.17	105	861141	49.170	ug/l	100
86) p-Isopropyltoluene	13.29	119	776039	49.015	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	377830	47.659	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	372229	46.768	ug/l	100
89) n-Butylbenzene	13.62	91	664352	48.001	ug/l	99
90) Hexachloroethane	13.88	117	143290	47.350	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	363105	46.743	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	54934	53.388	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	215925	44.716	ug/l	100
94) Hexachlorobutadiene	15.01	225	131989	44.602	ug/l	100
95) Naphthalene	15.13	128	544911	50.673	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	212687	51.701	ug/l	99

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

