

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111419\
 Data File : VN059225.D
 Acq On : 14 Nov 2019 12:03
 Operator : JC/SP
 Sample : VN1114WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/15/2019 10:21:53 AM

Quant Time: Nov 15 06:56:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	393161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	612018	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	569152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	258131	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	245365	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
35) Dibromofluoromethane	7.57	113	193956	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	
50) Toluene-d8	10.08	98	728145	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
62) 4-Bromofluorobenzene	12.40	95	260954	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	76462	19.302	ug/l	97
3) Chloromethane	2.04	50	101315	18.815	ug/l	96
4) Vinyl Chloride	2.17	62	102770	19.686	ug/l	99
5) Bromomethane	2.54	94	61111	20.342	ug/l	98
6) Chloroethane	2.68	64	62014	20.081	ug/l	100
7) Trichlorofluoromethane	3.00	101	130530	20.904	ug/l	98
8) Diethyl Ether	3.39	74	52910	20.853	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	80109	21.277	ug/l	98
10) Methyl Iodide	3.92	142	93543	20.072	ug/l	99
11) Tert butyl alcohol	4.76	59	107074	116.251	ug/l	99
12) 1,1-Dichloroethene	3.71	96	73903	20.150	ug/l	96
13) Acrolein	3.58	56	33957	71.507	ug/l	94
14) Allyl chloride	4.30	41	151526	20.113	ug/l	99
15) Acrylonitrile	4.96	53	267941	116.893	ug/l	99
16) Acetone	3.79	43	225142	89.583	ug/l	97
17) Carbon Disulfide	4.03	76	201503	17.699	ug/l	100
18) Methyl Acetate	4.30	43	140368	23.530	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	274494	21.739	ug/l	98
20) Methylene Chloride	4.52	84	90354	20.636	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	81865	20.795	ug/l	93
22) Diisopropyl ether	5.93	45	306288	21.524	ug/l	95
23) Vinyl Acetate	5.87	43	1263878	114.601	ug/l	100
24) 1,1-Dichloroethane	5.82	63	168921	21.254	ug/l	99
25) 2-Butanone	6.81	43	359339	108.486	ug/l	98
26) 2,2-Dichloropropane	6.80	77	141473	20.357	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	97136	21.268	ug/l	97
28) Bromochloromethane	7.17	49	49634	20.757	ug/l	98
29) Tetrahydrofuran	7.19	42	243853	115.865	ug/l	99
30) Chloroform	7.35	83	166155	21.793	ug/l	100
31) Cyclohexane	7.63	56	143696	19.098	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	137704	21.483	ug/l	100
36) 1,1-Dichloropropene	7.77	75	114537	20.022	ug/l	98
37) Ethyl Acetate	6.90	43	146267	22.984	ug/l	100
38) Carbon Tetrachloride	7.75	117	121363	21.315	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	128162	19.304	ug/l	99
40) Benzene	8.02	78	367318	21.323	ug/l	100
41) Methacrylonitrile	7.15	41	53021m	19.160	ug/l	
42) 1,2-Dichloroethane	8.11	62	129859	21.979	ug/l	99
43) Isopropyl Acetate	8.15	43	221765	21.858	ug/l	100
44) Trichloroethene	8.82	130	88026	20.787	ug/l	99
45) 1,2-Dichloropropane	9.10	63	102064	21.813	ug/l	99
46) Dibromomethane	9.19	93	62580	21.463	ug/l	99
47) Bromodichloromethane	9.39	83	128212	22.021	ug/l	95
48) Methyl methacrylate	9.19	41	96679	21.303	ug/l	98
49) 1,4-Dioxane	9.19	88	38905	482.392	ug/l	96
51) 4-Methyl-2-Pentanone	9.97	43	728266	126.859	ug/l	99
52) Toluene	10.15	92	222344	21.534	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	141844	21.087	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	152410	21.064	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	91703	21.945	ug/l	99
56) Ethyl methacrylate	10.42	69	135752	20.621	ug/l	99
57) 1,3-Dichloropropane	10.70	76	157355	21.879	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.68	63	262534	112.891	ug/l	99
59) 2-Hexanone	10.74	43	530215	120.332	ug/l	99
60) Dibromochloromethane	10.90	129	97898	22.158	ug/l	99
61) 1,2-Dibromoethane	11.00	107	95013	22.461	ug/l	97
64) Tetrachloroethene	10.63	164	78656	20.324	ug/l	97
65) Chlorobenzene	11.43	112	233665	21.060	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	91544	21.995	ug/l	99
67) Ethyl Benzene	11.51	91	413259	20.994	ug/l	99
68) m/p-Xylenes	11.62	106	303041	41.097	ug/l	99
69) o-Xylene	11.95	106	144749	20.313	ug/l	99
70) Styrene	11.96	104	235082	20.976	ug/l	99
71) Bromoform	12.13	173	70122	21.660	ug/l #	100
73) Isopropylbenzene	12.25	105	396746	21.130	ug/l	100
74) N-amyl acetate	12.07	43	169733	21.333	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	144323	22.571	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	137357m	23.373	ug/l	
77) Bromobenzene	12.53	156	99216	21.032	ug/l	100
78) n-propylbenzene	12.59	91	453503	21.094	ug/l	100
79) 2-Chlorotoluene	12.67	91	276050	20.698	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	331895	20.860	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	47897	21.527	ug/l	98
82) 4-Chlorotoluene	12.77	91	279924	20.926	ug/l	99
83) tert-Butylbenzene	12.99	119	282848	20.586	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	320723	20.835	ug/l	99
85) sec-Butylbenzene	13.17	105	373882	20.923	ug/l	99
86) p-Isopropyltoluene	13.29	119	325211	20.612	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	168200	20.821	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	164754	20.384	ug/l	98
89) n-Butylbenzene	13.62	91	266395	19.291	ug/l	100
90) Hexachloroethane	13.88	117	66516	20.995	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	170772	21.490	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29524	23.157	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	83828	19.374	ug/l	99
94) Hexachlorobutadiene	15.01	225	56109	20.478	ug/l	99
95) Naphthalene	15.13	128	231542	19.301	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	87486	19.645	ug/l	98

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

