

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111518\
 Data File : VN052334.D
 Acq On : 15 Nov 2018 11:16
 Operator : MD\SY
 Sample : VN1115WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1115WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/16/2018 4:06:57 PM

Quant Time: Nov 16 03:21:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	243184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	422666	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	376786	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	161832	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	185969	54.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.30%	
35) Dibromofluoromethane	7.59	113	140061	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
50) Toluene-d8	10.09	98	531986	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
62) 4-Bromofluorobenzene	12.40	95	173429	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	50936	19.77	ug/l	98
3) Chloromethane	2.06	50	70384	19.65	ug/l	96
4) Vinyl Chloride	2.19	62	59623	19.26	ug/l	99
5) Bromomethane	2.58	94	35426	18.36	ug/l	94
6) Chloroethane	2.71	64	33057	18.89	ug/l	98
7) Trichlorofluoromethane	3.03	101	81780	19.09	ug/l	99
8) Diethyl Ether	3.41	74	30907	18.93	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.77	101	50076	18.51	ug/l	99
10) Methyl Iodide	3.96	142	67407	18.56	ug/l	99
11) Tert butyl alcohol	4.79	59	15180	83.69	ug/l #	87
12) 1,1-Dichloroethene	3.74	96	46458	18.56	ug/l	88
13) Acrolein	3.61	56	22811	97.89	ug/l	99
14) Allyl chloride	4.33	41	89909	17.49	ug/l	95
15) Acrylonitrile	4.99	53	96363	93.04	ug/l	98
16) Acetone	3.82	43	83875	88.69	ug/l	95
17) Carbon Disulfide	4.06	76	130514	18.18	ug/l	99
18) Methyl Acetate	4.33	43	48443	18.55	ug/l	96
19) Methyl tert-butyl Ether	5.05	73	139913	19.45	ug/l	98
20) Methylene Chloride	4.56	84	60384	20.58	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	50753	18.83	ug/l	99
22) Diisopropyl ether	5.95	45	209900	20.01	ug/l	99
23) Vinyl Acetate	5.90	43	700717	98.49	ug/l	100
24) 1,1-Dichloroethane	5.85	63	108289	19.26	ug/l	100
25) 2-Butanone	6.83	43	122329	91.90	ug/l	94
26) 2,2-Dichloropropane	6.83	77	75379	18.23	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	60517	19.29	ug/l	99
28) Bromochloromethane	7.19	49	60614	20.96	ug/l	98
29) Tetrahydrofuran	7.21	42	76041	86.96	ug/l	99
30) Chloroform	7.37	83	112692	21.03	ug/l	98
31) Cyclohexane	7.66	56	100983	18.68	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	85545	18.74	ug/l	100
36) 1,1-Dichloropropene	7.79	75	77883	18.38	ug/l	100
37) Ethyl Acetate	6.93	43	55105	17.92	ug/l #	98
38) Carbon Tetrachloride	7.77	117	73428	18.87	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	87531	18.10	ug/l	97
40) Benzene	8.04	78	230307	19.03	ug/l	98
41) Methacrylonitrile	7.17	41	28056	18.91	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	83636	19.38	ug/l	100
43) Isopropyl Acetate	8.17	43	100918	17.01	ug/l	100
44) Trichloroethene	8.83	130	56018	18.79	ug/l	99
45) 1,2-Dichloropropane	9.12	63	65551	19.09	ug/l	98
46) Dibromomethane	9.21	93	37994	19.11	ug/l	98
47) Bromodichloromethane	9.40	83	80623	19.76	ug/l	96
48) Methyl methacrylate	9.20	41	51111	16.98	ug/l	100
49) 1,4-Dioxane	9.20	88	9679	418.83	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	264132	88.45	ug/l	99
52) Toluene	10.15	92	139960	19.33	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	75470	18.34	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	91828	19.58	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	48586	18.51	ug/l	98
56) Ethyl methacrylate	10.43	69	63781	18.48	ug/l	99
57) 1,3-Dichloropropane	10.71	76	87658	18.86	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	195655	99.57	ug/l	99
59) 2-Hexanone	10.75	43	180395	87.82	ug/l	99
60) Dibromochloromethane	10.90	129	53635	18.89	ug/l	98
61) 1,2-Dibromoethane	11.00	107	48158	18.42	ug/l	99
64) Tetrachloroethene	10.63	164	49349	18.42	ug/l	99
65) Chlorobenzene	11.43	112	150202	18.86	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	53332	19.64	ug/l	99
67) Ethyl Benzene	11.51	91	262939	19.02	ug/l	99
68) m/p-Xylenes	11.62	106	193691	38.35	ug/l	98
69) o-Xylene	11.95	106	94589	19.54	ug/l	99
70) Styrene	11.96	104	150818	19.46	ug/l	99
71) Bromoform	12.12	173	28548	17.80	ug/l #	99
73) Isopropylbenzene	12.25	105	249792	19.20	ug/l	100
74) N-amyl acetate	12.07	43	85055	18.35	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	58136	18.48	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	47862m	17.43	ug/l	
77) Bromobenzene	12.52	156	58105	19.19	ug/l	98
78) n-propylbenzene	12.59	91	288445	18.96	ug/l	99
79) 2-Chlorotoluene	12.67	91	171581	19.30	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	207577	20.06	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	13669	16.14	ug/l	94
82) 4-Chlorotoluene	12.77	91	171949	18.88	ug/l	98
83) tert-Butylbenzene	12.99	119	174415	19.09	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	206185	19.85	ug/l	99
85) sec-Butylbenzene	13.17	105	238454	19.16	ug/l	100
86) p-Isopropyltoluene	13.29	119	198234	18.81	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	102500	19.06	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	99509	18.62	ug/l	99
89) n-Butylbenzene	13.61	91	166849	18.43	ug/l	98
90) Hexachloroethane	13.87	117	33950	18.18	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	99879	19.17	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	8117	17.50	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	37623	17.08	ug/l	100
94) Hexachlorobutadiene	15.01	225	22708	19.05	ug/l	97
95) Naphthalene	15.13	128	82646	16.28	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	35492	17.93	ug/l	99

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

