

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110918\
 Data File : VN052239.D
 Acq On : 9 Nov 2018 20:42
 Operator : MD\SY
 Sample : VN1109WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/12/2018 9:19:05 AM

Quant Time: Nov 12 03:53:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	278833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	484799	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	434857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	183888	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	184930	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
35) Dibromofluoromethane	7.59	113	145285	46.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.54%	
50) Toluene-d8	10.09	98	578203	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	
62) 4-Bromofluorobenzene	12.40	95	184225	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	59868	19.750	ug/l	100
3) Chloromethane	2.06	50	84433	19.950	ug/l	99
4) Vinyl Chloride	2.19	62	69346	19.666	ug/l	97
5) Bromomethane	2.57	94	41497	18.548	ug/l	91
6) Chloroethane	2.71	64	39092	18.669	ug/l	98
7) Trichlorofluoromethane	3.02	101	93579	19.064	ug/l	99
8) Diethyl Ether	3.41	74	37650	19.497	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	56934	18.079	ug/l	98
10) Methyl Iodide	3.96	142	74711	18.284	ug/l	99
11) Tert butyl alcohol	4.78	59	22089	113.005	ug/l	95
12) 1,1-Dichloroethene	3.74	96	54848	18.815	ug/l	95
13) Acrolein	3.61	56	31180	122.868	ug/l	99
14) Allyl chloride	4.33	41	109013	17.862	ug/l	99
15) Acrylonitrile	4.99	53	123204	102.552	ug/l	100
16) Acetone	3.82	43	96451	93.446	ug/l	96
17) Carbon Disulfide	4.06	76	149381	17.665	ug/l	98
18) Methyl Acetate	4.33	43	59843	18.781	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	162385	19.498	ug/l	98
20) Methylene Chloride	4.55	84	66612	19.162	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	59479	18.774	ug/l	95
22) Diisopropyl ether	5.95	45	237422	19.406	ug/l	95
23) Vinyl Acetate	5.90	43	821794	97.891	ug/l	99
24) 1,1-Dichloroethane	5.85	63	120009	18.571	ug/l	98
25) 2-Butanone	6.84	43	151995	93.436	ug/l	97
26) 2,2-Dichloropropane	6.83	77	80186	16.990	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	69069	19.476	ug/l	99
28) Bromochloromethane	7.19	49	61799	19.354	ug/l	99
29) Tetrahydrofuran	7.21	42	102087	96.428	ug/l	97
30) Chloroform	7.37	83	114517	18.725	ug/l	99
31) Cyclohexane	7.66	56	119036	19.505	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	94764	19.011	ug/l	99
36) 1,1-Dichloropropene	7.79	75	89475	18.285	ug/l	98
37) Ethyl Acetate	6.93	43	69809	18.968	ug/l	98
38) Carbon Tetrachloride	7.77	117	80256	18.098	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	101518	18.189	ug/l	97
40) Benzene	8.04	78	267258	19.076	ug/l	99
41) Methacrylonitrile	7.18	41	33326	15.583	ug/l	91
42) 1,2-Dichloroethane	8.12	62	91683	18.652	ug/l	100
43) Isopropyl Acetate	8.17	43	125017	19.488	ug/l	98
44) Trichloroethene	8.84	130	64992	18.512	ug/l	93
45) 1,2-Dichloropropane	9.12	63	76079	19.438	ug/l	98
46) Dibromomethane	9.21	93	42471	18.891	ug/l	99
47) Bromodichloromethane	9.40	83	82851	17.787	ug/l	100
48) Methyl methacrylate	9.20	41	63753	18.861	ug/l	98
49) 1,4-Dioxane	9.20	88	12089	444.905	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	348222	98.291	ug/l	99
52) Toluene	10.16	92	162066	19.176	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	83000	18.057	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	98250	18.107	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	57920	18.961	ug/l	96
56) Ethyl methacrylate	10.43	69	79791	19.327	ug/l	99
57) 1,3-Dichloropropane	10.71	76	104016	19.022	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	224642	98.270	ug/l	99
59) 2-Hexanone	10.75	43	230374	92.630	ug/l	100
60) Dibromochloromethane	10.90	129	57526	18.566	ug/l	100
61) 1,2-Dibromoethane	11.00	107	56462	18.807	ug/l	99
64) Tetrachloroethene	10.63	164	55592	18.259	ug/l	97
65) Chlorobenzene	11.43	112	173097	18.786	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	59942	19.205	ug/l	96
67) Ethyl Benzene	11.51	91	304962	18.816	ug/l	98
68) m/p-Xylenes	11.62	106	226753	37.568	ug/l	98
69) o-Xylene	11.95	106	109538	18.995	ug/l	99
70) Styrene	11.96	104	176050	18.897	ug/l	100
71) Bromoform	12.12	173	32398	17.400	ug/l #	99
73) Isopropylbenzene	12.25	105	290102	19.299	ug/l	100
74) N-amyl acetate	12.07	43	107792	19.752	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	72283	19.614	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	67800m	20.839	ug/l	
77) Bromobenzene	12.53	156	67144	19.082	ug/l	97
78) n-propylbenzene	12.59	91	334247	18.985	ug/l	100
79) 2-Chlorotoluene	12.67	91	197931	19.406	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	228597	19.122	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	16840	17.668	ug/l	90
82) 4-Chlorotoluene	12.77	91	200607	19.602	ug/l	99
83) tert-Butylbenzene	12.99	119	202532	19.405	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	236249	19.600	ug/l	98
85) sec-Butylbenzene	13.17	105	275974	19.282	ug/l	100
86) p-Isopropyltoluene	13.29	119	233981	19.541	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	117105	19.118	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	115187	18.784	ug/l	98
89) n-Butylbenzene	13.61	91	195665	18.351	ug/l	98
90) Hexachloroethane	13.87	117	36195	17.222	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	115740	19.361	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	10333	19.723	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	47874	20.253	ug/l	100
94) Hexachlorobutadiene	15.01	225	25831	20.110	ug/l	97
95) Naphthalene	15.13	128	117353	20.143	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	44657	19.981	ug/l	99

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

