

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101618\
 Data File : VN051885.D
 Acq On : 16 Oct 2018 10:46
 Operator : MD\SY
 Sample : VN1016WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1016WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/17/2018 1:11:51 PM

Quant Time: Oct 17 03:48:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 09:51:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	859359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1277255	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1147243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	494720	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	399289	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
35) Dibromofluoromethane	7.59	113	401205	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
50) Toluene-d8	10.09	98	1438916	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
62) 4-Bromofluorobenzene	12.40	95	460820	45.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	99293	20.81	ug/l	99
3) Chloromethane	2.06	50	104094	18.02	ug/l	100
4) Vinyl Chloride	2.19	62	152997	17.66	ug/l	97
5) Bromomethane	2.57	94	127186	16.27	ug/l	99
6) Chloroethane	2.70	64	115440	18.14	ug/l	97
7) Trichlorofluoromethane	3.01	101	245109	19.05	ug/l	99
8) Diethyl Ether	3.41	74	71781	20.23	ug/l	76
9) 1,1,2-Trichlorotrifluoroet	3.76	101	141345	20.60	ug/l	99
10) Methyl Iodide	3.95	142	142102	15.71	ug/l #	91
11) Tert butyl alcohol	4.79	59	40529	67.09	ug/l #	89
12) 1,1-Dichloroethene	3.74	96	126649	20.53	ug/l	90
13) Acrolein	3.61	56	37584	72.76	ug/l	98
14) Allyl chloride	4.33	41	142971	18.46	ug/l #	77
15) Acrylonitrile	4.99	53	172302	87.63	ug/l	99
16) Acetone	3.82	43	129084	72.87	ug/l	94
17) Carbon Disulfide	4.05	76	295039	17.67	ug/l	100
18) Methyl Acetate	4.33	43	87442	18.12	ug/l	93
19) Methyl tert-butyl Ether	5.05	73	358376	18.46	ug/l	95
20) Methylene Chloride	4.55	84	143395	19.56	ug/l #	87
21) trans-1,2-Dichloroethene	5.05	96	141982	19.60	ug/l	87
22) Diisopropyl ether	5.95	45	320863	18.75	ug/l #	85
23) Vinyl Acetate	5.90	43	1088027	86.90	ug/l #	93
24) 1,1-Dichloroethane	5.85	63	229876	19.55	ug/l	97
25) 2-Butanone	6.84	43	188504	75.30	ug/l #	88
26) 2,2-Dichloropropane	6.83	77	219214	18.42	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	165516	19.83	ug/l	89
28) Bromochloromethane	7.20	49	94378	19.13	ug/l #	66
29) Tetrahydrofuran	7.21	42	120469	80.76	ug/l #	80
30) Chloroform	7.37	83	276092	19.64	ug/l	99
31) Cyclohexane	7.65	56	197515	18.60	ug/l #	77
32) 1,1,1-Trichloroethane	7.57	97	251334	19.04	ug/l	97
36) 1,1-Dichloropropene	7.80	75	193302	18.69	ug/l	95
37) Ethyl Acetate	6.93	43	86550	16.30	ug/l #	76
38) Carbon Tetrachloride	7.78	117	223749	18.67	ug/l	99

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

39) Methylcyclohexane	9.08	83	240227	18.91	ug/l #	88
40) Benzene	8.04	78	579894	19.44	ug/l	100
41) Methacrylonitrile	7.17	41	35131	13.73	ug/l #	67
42) 1,2-Dichloroethane	8.13	62	187579	19.18	ug/l	99
43) Isopropyl Acetate	8.17	43	170213	15.68	ug/l #	96
44) Trichloroethene	8.84	130	182272	20.07	ug/l	97
45) 1,2-Dichloropropane	9.12	63	136872	19.52	ug/l	100
46) Dibromomethane	9.21	93	100354	18.65	ug/l	99
47) Bromodichloromethane	9.40	83	203500	18.92	ug/l	99
48) Methyl methacrylate	9.20	41	75943	16.06	ug/l #	74
49) 1,4-Dioxane	9.20	88	27437	330.03	ug/l	88
51) 4-Methyl-2-Pentanone	9.99	43	448759	81.43	ug/l	97
52) Toluene	10.16	92	387985	19.37	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	184995	17.17	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	215717	18.24	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	140352	18.63	ug/l	95
56) Ethyl methacrylate	10.43	69	151205	17.04	ug/l #	89
57) 1,3-Dichloropropane	10.71	76	216598	18.50	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	324778	84.06	ug/l #	88
59) 2-Hexanone	10.75	43	283445	73.23	ug/l	98
60) Dibromochloromethane	10.90	129	158365	17.70	ug/l	100
61) 1,2-Dibromoethane	11.01	107	141314	18.21	ug/l	98
64) Tetrachloroethene	10.63	164	180800	20.55	ug/l	97
65) Chlorobenzene	11.43	112	442697	19.08	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	169342	19.15	ug/l	97
67) Ethyl Benzene	11.51	91	737429	19.20	ug/l	98
68) m/p-Xylenes	11.62	106	591923	38.15	ug/l	96
69) o-Xylene	11.95	106	291375	19.34	ug/l	94
70) Styrene	11.96	104	432836	18.62	ug/l	99
71) Bromoform	12.13	173	93332	16.02	ug/l #	99
73) Isopropylbenzene	12.25	105	775286	20.34	ug/l	99
74) N-amyl acetate	12.07	43	127330	16.84	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	154313	18.43	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	138952m	22.52	ug/l	
77) Bromobenzene	12.53	156	193796	20.39	ug/l	85
78) n-propylbenzene	12.59	91	812413	20.35	ug/l	97
79) 2-Chlorotoluene	12.67	91	485749	20.20	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	637881	20.54	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	31998	14.89	ug/l	91
82) 4-Chlorotoluene	12.77	91	473729	20.50	ug/l	99
83) tert-Butylbenzene	12.99	119	577479	20.04	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	633040	20.47	ug/l	99
85) sec-Butylbenzene	13.17	105	754626	20.22	ug/l	99
86) p-Isopropyltoluene	13.29	119	658518	20.06	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	320702	19.73	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	307336	19.51	ug/l	100
89) n-Butylbenzene	13.61	91	479599	19.65	ug/l	98
90) Hexachloroethane	13.88	117	104943	17.62	ug/l	93
91) 1,2-Dichlorobenzene	13.65	146	313078	19.93	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	20697	16.79	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	115383	16.54	ug/l	97
94) Hexachlorobutadiene	15.01	225	98989	19.49	ug/l	99
95) Naphthalene	15.13	128	218117	15.31	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	123243	17.29	ug/l	98

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

