

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101618\
 Data File : VN051883.D
 Acq On : 16 Oct 2018 9:57
 Operator : MD\SY
 Sample : VN1016WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1016WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/17/2018 1:11:46 PM

Quant Time: Oct 17 03:09:03 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	882045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1301156	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1142194	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	496168	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	396743	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	
35) Dibromofluoromethane	7.59	113	395860	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
50) Toluene-d8	10.09	98	1432331	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
62) 4-Bromofluorobenzene	12.40	95	463571	44.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.08%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.85	85	101909	20.81	ug/l	99
3) Chloromethane	2.06	50	104767	17.67	ug/l	98
4) Vinyl Chloride	2.18	62	153610	17.27	ug/l	100
5) Bromomethane	2.57	94	124283	15.49	ug/l	100
6) Chloroethane	2.70	64	114076	17.47	ug/l	93
7) Trichlorofluoromethane	3.02	101	249168	18.86	ug/l	99
8) Diethyl Ether	3.41	74	70254	19.29	ug/l	80
9) 1,1,2-Trichlorotrifluoroet	3.76	101	145864	20.71	ug/l	99
10) Methyl Iodide	3.95	142	137488	14.81	ug/l	97
11) Tert butyl alcohol	4.79	59	39819	64.22	ug/l #	72
12) 1,1-Dichloroethene	3.74	96	127844	20.19	ug/l	92
13) Acrolein	3.61	56	33988	66.00	ug/l	99
14) Allyl chloride	4.33	41	145329	18.28	ug/l #	77
15) Acrylonitrile	5.00	53	171674	85.06	ug/l	98
16) Acetone	3.82	43	129951	71.47	ug/l	94
17) Carbon Disulfide	4.05	76	306195	17.87	ug/l	99
18) Methyl Acetate	4.33	43	83058	16.68	ug/l #	90
19) Methyl tert-butyl Ether	5.05	73	361145	18.12	ug/l	94
20) Methylene Chloride	4.55	84	143998	19.14	ug/l	88
21) trans-1,2-Dichloroethene	5.05	96	144288	19.41	ug/l	86
22) Diisopropyl ether	5.96	45	332346	18.92	ug/l #	88
23) Vinyl Acetate	5.90	43	1106540	86.11	ug/l #	92
24) 1,1-Dichloroethane	5.85	63	241495	20.01	ug/l	97
25) 2-Butanone	6.84	43	187008	72.79	ug/l	91
26) 2,2-Dichloropropane	6.83	77	225367	18.45	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	170501	19.90	ug/l	88
28) Bromochloromethane	7.20	49	101761	20.10	ug/l #	64
29) Tetrahydrofuran	7.21	42	115774	75.61	ug/l #	78
30) Chloroform	7.37	83	281650	19.52	ug/l	98
31) Cyclohexane	7.65	56	207229	19.07	ug/l #	78
32) 1,1,1-Trichloroethane	7.57	97	261454	19.30	ug/l	97
36) 1,1-Dichloropropene	7.79	75	197684	18.77	ug/l	96
37) Ethyl Acetate	6.94	43	89291	16.51	ug/l	98
38) Carbon Tetrachloride	7.78	117	231117	18.93	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	246627	19.06	ug/l	89
40) Benzene	8.04	78	597532	19.66	ug/l	99
41) Methacrylonitrile	7.17	41	41869	16.06	ug/l #	82
42) 1,2-Dichloroethane	8.13	62	190247	19.10	ug/l	100
43) Isopropyl Acetate	8.17	43	171286	15.48	ug/l #	95
44) Trichloroethene	8.84	130	186208	20.13	ug/l	95
45) 1,2-Dichloropropane	9.12	63	137596	19.26	ug/l	98
46) Dibromomethane	9.21	93	102536	18.70	ug/l	99
47) Bromodichloromethane	9.40	83	207716	18.96	ug/l	99
48) Methyl methacrylate	9.20	41	79465	16.49	ug/l #	78
49) 1,4-Dioxane	9.20	88	25850	308.77	ug/l	91
51) 4-Methyl-2-Pentanone	9.99	43	442246	78.77	ug/l	97
52) Toluene	10.16	92	392634	19.24	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	184964	16.85	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	219172	18.19	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	141039	18.38	ug/l	97
56) Ethyl methacrylate	10.43	69	151744	16.79	ug/l #	89
57) 1,3-Dichloropropane	10.71	76	218838	18.35	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	320641	81.46	ug/l #	88
59) 2-Hexanone	10.75	43	278454	70.62	ug/l	96
60) Dibromochloromethane	10.90	129	159072	17.46	ug/l	100
61) 1,2-Dibromoethane	11.01	107	144536	18.28	ug/l	99
64) Tetrachloroethene	10.63	164	184108	21.02	ug/l	95
65) Chlorobenzene	11.43	112	447135	19.36	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	170558	19.37	ug/l	98
67) Ethyl Benzene	11.51	91	751663	19.66	ug/l	97
68) m/p-Xylenes	11.62	106	598959	38.78	ug/l	95
69) o-Xylene	11.95	106	292424	19.49	ug/l	97
70) Styrene	11.96	104	442474	19.12	ug/l	100
71) Bromoform	12.13	173	95438	16.36	ug/l #	99
73) Isopropylbenzene	12.25	105	776921	20.32	ug/l	97
74) N-amyl acetate	12.07	43	126624	16.70	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	155469	18.51	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	138833m	22.43	ug/l	
77) Bromobenzene	12.53	156	191162	20.05	ug/l	87
78) n-propylbenzene	12.59	91	826258	20.64	ug/l	96
79) 2-Chlorotoluene	12.67	91	491406	20.38	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	634619	20.37	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	31442	14.59	ug/l	89
82) 4-Chlorotoluene	12.77	91	477461	20.60	ug/l	97
83) tert-Butylbenzene	12.99	119	588940	20.38	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	639581	20.62	ug/l	99
85) sec-Butylbenzene	13.17	105	766633	20.48	ug/l	98
86) p-Isopropyltoluene	13.29	119	668325	20.30	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	327199	20.07	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	304093	19.24	ug/l	99
89) n-Butylbenzene	13.61	91	484713	19.81	ug/l	98
90) Hexachloroethane	13.88	117	106642	17.85	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	319539	20.28	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	20159	16.31	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	113236	16.27	ug/l	99
94) Hexachlorobutadiene	15.01	225	104950	20.61	ug/l	97
95) Naphthalene	15.13	128	210045	14.88	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	121120	17.00	ug/l	99

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

