

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101118\
 Data File : VN051817.D
 Acq On : 11 Oct 2018 17:30
 Operator : MD\SY
 Sample : VN1011WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1011WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/15/2018 3:00:14 PM

Quant Time: Oct 12 06:53:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 11 13:17:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	867690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1262725	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1166675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	559590	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	410983	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
35) Dibromofluoromethane	7.59	113	381255	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
50) Toluene-d8	10.09	98	1456362	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.40	95	492922	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.85	85	94841	19.69	ug/l	98
3) Chloromethane	2.06	50	115287	19.76	ug/l	99
4) Vinyl Chloride	2.18	62	175423	20.05	ug/l	97
5) Bromomethane	2.56	94	153075	19.39	ug/l	98
6) Chloroethane	2.70	64	128872	20.06	ug/l	95
7) Trichlorofluoromethane	3.00	101	271280	20.88	ug/l	97
8) Diethyl Ether	3.41	74	73673	20.56	ug/l	76
9) 1,1,2-Trichlorotrifluoroet	3.76	101	133807	19.31	ug/l	99
10) Methyl Iodide	3.95	142	155707	17.05	ug/l	96
11) Tert butyl alcohol	4.80	59	60986	99.99	ug/l #	93
12) 1,1-Dichloroethene	3.73	96	120806	19.40	ug/l	91
13) Acrolein	3.61	56	61060	107.37	ug/l	99
14) Allyl chloride	4.32	41	150611	19.26	ug/l #	78
15) Acrylonitrile	5.00	53	196787	99.12	ug/l	97
16) Acetone	3.82	43	159745	89.31	ug/l	99
17) Carbon Disulfide	4.05	76	299859	17.79	ug/l	99
18) Methyl Acetate	4.33	43	95928	18.78	ug/l	93
19) Methyl tert-butyl Ether	5.05	73	382194	19.49	ug/l	93
20) Methylene Chloride	4.55	84	140705	19.01	ug/l	89
21) trans-1,2-Dichloroethene	5.04	96	137700	18.83	ug/l	88
22) Diisopropyl ether	5.96	45	338214	19.57	ug/l #	88
23) Vinyl Acetate	5.90	43	1256977	99.43	ug/l #	92
24) 1,1-Dichloroethane	5.85	63	229604	19.34	ug/l	96
25) 2-Butanone	6.84	43	241066	95.38	ug/l #	88
26) 2,2-Dichloropropane	6.83	77	230588	19.18	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	162086	19.23	ug/l	91
28) Bromochloromethane	7.20	49	98763	19.83	ug/l #	69
29) Tetrahydrofuran	7.22	42	152644	101.34	ug/l #	82
30) Chloroform	7.37	83	272646	19.21	ug/l	98
31) Cyclohexane	7.66	56	206912	19.68	ug/l #	81
32) 1,1,1-Trichloroethane	7.57	97	257656	19.34	ug/l	96
36) 1,1-Dichloropropene	7.79	75	191123	18.70	ug/l	95
37) Ethyl Acetate	6.93	43	108294	20.63	ug/l	96
38) Carbon Tetrachloride	7.78	117	226394	19.11	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	248424	19.78	ug/l	90
40) Benzene	8.04	78	582770	19.76	ug/l	99
41) Methacrylonitrile	7.18	41	45032	17.80	ug/l #	76
42) 1,2-Dichloroethane	8.13	62	189219	19.57	ug/l	99
43) Isopropyl Acetate	8.17	43	209305	19.77	ug/l #	96
44) Trichloroethene	8.84	130	173518	19.33	ug/l	99
45) 1,2-Dichloropropane	9.12	63	137850	19.88	ug/l	99
46) Dibromomethane	9.21	93	105450	19.82	ug/l	99
47) Bromodichloromethane	9.41	83	211700	19.91	ug/l	96
48) Methyl methacrylate	9.20	41	97822	20.92	ug/l #	82
49) 1,4-Dioxane	9.20	88	33969	401.39	ug/l	88
51) 4-Methyl-2-Pentanone	9.99	43	569662	104.56	ug/l	98
52) Toluene	10.16	92	391771	19.78	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	202692	19.03	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	225213	19.26	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	149057	20.01	ug/l	95
56) Ethyl methacrylate	10.43	69	181724	20.72	ug/l #	88
57) 1,3-Dichloropropane	10.71	76	226548	19.58	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	378108	98.99	ug/l #	89
59) 2-Hexanone	10.75	43	384594	100.50	ug/l	97
60) Dibromochloromethane	10.90	129	166332	18.81	ug/l	97
61) 1,2-Dibromoethane	11.01	107	153098	19.96	ug/l	99
64) Tetrachloroethene	10.63	164	170753	19.08	ug/l	99
65) Chlorobenzene	11.44	112	449526	19.05	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	170105	18.92	ug/l	99
67) Ethyl Benzene	11.51	91	759319	19.44	ug/l	97
68) m/p-Xylenes	11.62	106	599490	38.00	ug/l	98
69) o-Xylene	11.95	106	301774	19.69	ug/l	96
70) Styrene	11.97	104	458989	19.42	ug/l	100
71) Bromoform	12.13	173	109790	17.97	ug/l #	100
73) Isopropylbenzene	12.25	105	801590	18.59	ug/l	99
74) N-amyl acetate	12.07	43	186764	21.84	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.51	83	181495	19.16	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	150013m	21.47	ug/l	
77) Bromobenzene	12.53	156	198761	18.49	ug/l	90
78) n-propylbenzene	12.59	91	866957	19.20	ug/l	97
79) 2-Chlorotoluene	12.68	91	504133	18.53	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	666110	18.96	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	43460	17.88	ug/l	93
82) 4-Chlorotoluene	12.77	91	502297	19.22	ug/l	98
83) tert-Butylbenzene	12.99	119	603923	18.53	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	671197	19.19	ug/l	99
85) sec-Butylbenzene	13.17	105	805801	19.09	ug/l	98
86) p-Isopropyltoluene	13.29	119	729377	19.65	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	348749	18.97	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	337193	18.92	ug/l	98
89) n-Butylbenzene	13.62	91	577224	20.91	ug/l	98
90) Hexachloroethane	13.88	117	112396	16.68	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	346428	19.50	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	28489	20.43	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	186646	22.09	ug/l	97
94) Hexachlorobutadiene	15.01	225	112409	19.57	ug/l	99
95) Naphthalene	15.13	128	432171	23.52	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	189795	22.50	ug/l	98

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

