

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121018\
 Data File : VN052750.D
 Acq On : 10 Dec 2018 13:50
 Operator : MD\SY
 Sample : VN1210WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD02

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 12:45:55 PM

Quant Time: Dec 11 02:28:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	963496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1501598	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1324227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	616777	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	542538	51.72	ug/l	0.00
Spiked Amount			Recovery	=	103.44%	
35) Dibromofluoromethane	7.59	113	411480	44.45	ug/l	0.00
Spiked Amount			Recovery	=	88.90%	
50) Toluene-d8	10.09	98	1858313	51.57	ug/l	0.00
Spiked Amount			Recovery	=	103.14%	
62) 4-Bromofluorobenzene	12.40	95	642133	53.03	ug/l	0.00
Spiked Amount			Recovery	=	106.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	150214	16.651	ug/l	98
3) Chloromethane	2.06	50	195573	16.423	ug/l	100
4) Vinyl Chloride	2.19	62	206676	16.895	ug/l	98
5) Bromomethane	2.58	94	116638	15.281	ug/l	99
6) Chloroethane	2.71	64	128122	17.291	ug/l	98
7) Trichlorofluoromethane	3.03	101	279374	18.592	ug/l	97
8) Diethyl Ether	3.41	74	110308	19.879	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.77	101	175368	18.703	ug/l	97
10) Methyl Iodide	3.96	142	192655	15.427	ug/l	99
11) Tert butyl alcohol	4.78	59	57297	109.097	ug/l #	93
12) 1,1-Dichloroethene	3.74	96	166100	18.404	ug/l	98
13) Acrolein	3.61	56	16868	18.480	ug/l	96
14) Allyl chloride	4.33	41	288447	18.543	ug/l	97
15) Acrylonitrile	4.99	53	334465	100.605	ug/l	100
16) Acetone	3.82	43	241519	87.285	ug/l	98
17) Carbon Disulfide	4.06	76	430361	15.152	ug/l	99
18) Methyl Acetate	4.33	43	169386	21.341	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	497178	20.704	ug/l	98
20) Methylene Chloride	4.55	84	200740	18.539	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	178314	18.499	ug/l	94
22) Diisopropyl ether	5.95	45	633654	19.393	ug/l	98
23) Vinyl Acetate	5.90	43	1856874	91.240	ug/l	99
24) 1,1-Dichloroethane	5.85	63	356463	19.107	ug/l	99
25) 2-Butanone	6.83	43	378887	96.606	ug/l	99
26) 2,2-Dichloropropane	6.83	77	257573	19.947	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	215585	19.200	ug/l	99
28) Bromochloromethane	7.19	49	160386	18.822	ug/l	95
29) Tetrahydrofuran	7.21	42	249782	98.741	ug/l	98
30) Chloroform	7.37	83	353171	18.974	ug/l	99
31) Cyclohexane	7.66	56	317404	17.339	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	288717	19.578	ug/l	99
36) 1,1-Dichloropropene	7.79	75	261793	18.462	ug/l	98
37) Ethyl Acetate	6.93	43	166278	19.214	ug/l	99
38) Carbon Tetrachloride	7.78	117	247142	19.253	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	304163	17.648	ug/l	98
40) Benzene	8.04	78	806068	19.074	ug/l	98
41) Methacrylonitrile	7.17	41	89800	18.980	ug/l	93
42) 1,2-Dichloroethane	8.13	62	249513	19.500	ug/l	99
43) Isopropyl Acetate	8.16	43	319678	21.828	ug/l	97
44) Trichloroethene	8.84	130	217813	20.122	ug/l	98
45) 1,2-Dichloropropane	9.12	63	221825	19.744	ug/l	99
46) Dibromomethane	9.21	93	126234	20.296	ug/l	97
47) Bromodichloromethane	9.40	83	270565	20.009	ug/l	99
48) Methyl methacrylate	9.20	41	152046	19.911	ug/l	97
49) 1,4-Dioxane	9.20	88	33959	428.491	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	866389	105.439	ug/l	99
52) Toluene	10.16	92	494493	19.695	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	258079	19.839	ug/l	96
54) cis-1,3-Dichloropropene	9.84	75	307151	19.702	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	184342	20.873	ug/l	99
56) Ethyl methacrylate	10.43	69	238561	21.098	ug/l	97
57) 1,3-Dichloropropane	10.71	76	313760	20.120	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	659685	102.937	ug/l	98
59) 2-Hexanone	10.75	43	578375	104.877	ug/l	99
60) Dibromochloromethane	10.90	129	197721	20.613	ug/l	100
61) 1,2-Dibromoethane	11.01	107	178436	20.342	ug/l	99
64) Tetrachloroethene	10.63	164	230914	22.491	ug/l	97
65) Chlorobenzene	11.43	112	545166	19.965	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	195959	20.640	ug/l	99
67) Ethyl Benzene	11.51	91	937275	19.601	ug/l	100
68) m/p-Xylenes	11.62	106	707722	39.758	ug/l	100
69) o-Xylene	11.95	106	348462	20.158	ug/l	99
70) Styrene	11.96	104	566314	20.569	ug/l	99
71) Bromoform	12.13	173	131204	20.871	ug/l #	100
73) Isopropylbenzene	12.25	105	933379	19.289	ug/l	100
74) N-amyl acetate	12.07	43	260490	21.308	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	210890	19.158	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	182037m	19.140	ug/l	
77) Bromobenzene	12.53	156	236658	19.786	ug/l	98
78) n-propylbenzene	12.59	91	1060616	19.293	ug/l	99
79) 2-Chlorotoluene	12.68	91	625758	19.115	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	751195	19.465	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	55999	19.662	ug/l	99
82) 4-Chlorotoluene	12.77	91	633765	19.209	ug/l	98
83) tert-Butylbenzene	12.99	119	669511	19.459	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	764940	19.778	ug/l	100
85) sec-Butylbenzene	13.17	105	910119	19.421	ug/l	99
86) p-Isopropyltoluene	13.29	119	780310	19.550	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	415331	19.852	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	409561	19.874	ug/l	99
89) n-Butylbenzene	13.62	91	650190	19.587	ug/l	100
90) Hexachloroethane	13.88	117	127543	18.872	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	402031	20.113	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	33408	21.220	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	223526	22.088	ug/l	100
94) Hexachlorobutadiene	15.01	225	126001	19.594	ug/l	99
95) Naphthalene	15.13	128	483436	22.820	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	208366	22.295	ug/l	100

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

