

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012819\
 Data File : VN053544.D
 Acq On : 28 Jan 2019 14:35
 Operator : JC/SP
 Sample : VN0128WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/29/2019 9:52:47 AM

Quant Time: Jan 29 07:29:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	689470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1098576	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	974425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	465548	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	371567	54.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.04%	
35) Dibromofluoromethane	7.59	113	347207	55.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.76%	
50) Toluene-d8	10.09	98	1285124	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
62) 4-Bromofluorobenzene	12.40	95	443559	47.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.42%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	103535	18.677	ug/l	99
3) Chloromethane	2.06	50	154406	19.482	ug/l	99
4) Vinyl Chloride	2.19	62	147789	19.344	ug/l	99
5) Bromomethane	2.58	94	96459	18.401	ug/l	99
6) Chloroethane	2.71	64	91501	19.810	ug/l	99
7) Trichlorofluoromethane	3.02	101	211829	21.198	ug/l	99
8) Diethyl Ether	3.41	74	85408	22.756	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.77	101	134792	21.298	ug/l	100
10) Methyl Iodide	3.96	142	203567	21.049	ug/l	99
11) Tert butyl alcohol	4.78	59	53468	160.344	ug/l #	85
12) 1,1-Dichloroethene	3.74	96	129527	21.101	ug/l	99
13) Acrolein	3.61	56	41507	80.726	ug/l	98
14) Allyl chloride	4.33	41	217246	21.788	ug/l	99
15) Acrylonitrile	4.99	53	267313	121.809	ug/l	100
16) Acetone	3.82	43	186576	116.693	ug/l	98
17) Carbon Disulfide	4.06	76	346198	18.650	ug/l	99
18) Methyl Acetate	4.33	43	140313	26.047	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	388154	23.798	ug/l	98
20) Methylene Chloride	4.55	84	155828	21.347	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	139883	21.315	ug/l	96
22) Diisopropyl ether	5.96	45	446998	21.475	ug/l	97
23) Vinyl Acetate	5.90	43	1513797	118.309	ug/l	99
24) 1,1-Dichloroethane	5.85	63	273705	22.243	ug/l	99
25) 2-Butanone	6.84	43	297580	120.778	ug/l	99
26) 2,2-Dichloropropane	6.83	77	189662	20.414	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	168603	22.467	ug/l	99
28) Bromochloromethane	7.20	49	108067	19.935	ug/l	98
29) Tetrahydrofuran	7.21	42	199529	124.396	ug/l	98
30) Chloroform	7.37	83	271522	22.648	ug/l	99
31) Cyclohexane	7.66	56	241879	20.065	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	227973	22.416	ug/l	97
36) 1,1-Dichloropropene	7.80	75	195800	19.570	ug/l	97
37) Ethyl Acetate	6.93	43	134198	23.314	ug/l	100
38) Carbon Tetrachloride	7.78	117	193861	20.467	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	233936	18.918	ug/l	99
40) Benzene	8.04	78	625762	20.582	ug/l	99
41) Methacrylonitrile	7.17	41	72833	21.677	ug/l	94
42) 1,2-Dichloroethane	8.13	62	189200	21.361	ug/l	99
43) Isopropyl Acetate	8.17	43	267920	25.886	ug/l #	84
44) Trichloroethene	8.84	130	176349	20.916	ug/l	98
45) 1,2-Dichloropropane	9.12	63	168470	20.921	ug/l	97
46) Dibromomethane	9.21	93	96955	20.956	ug/l	97
47) Bromodichloromethane	9.40	83	205695	21.141	ug/l	99
48) Methyl methacrylate	9.20	41	112313	21.017	ug/l	94
49) 1,4-Dioxane	9.20	88	31814	609.569	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	639248	113.140	ug/l	100
52) Toluene	10.16	92	385096	20.403	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	209050	21.197	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	243655	21.076	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	144852	22.260	ug/l	98
56) Ethyl methacrylate	10.43	69	184712	21.236	ug/l	98
57) 1,3-Dichloropropane	10.71	76	242715	21.561	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	502315	110.339	ug/l	99
59) 2-Hexanone	10.75	43	425399	107.254	ug/l	100
60) Dibromochloromethane	10.90	129	153404	20.784	ug/l	99
61) 1,2-Dibromoethane	11.01	107	142153	21.600	ug/l	99
64) Tetrachloroethene	10.63	164	161659	17.604	ug/l	99
65) Chlorobenzene	11.44	112	419914	20.359	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	147837	20.604	ug/l	99
67) Ethyl Benzene	11.51	91	713272	20.292	ug/l	100
68) m/p-Xylenes	11.62	106	547195	41.231	ug/l	99
69) o-Xylene	11.95	106	269403	20.891	ug/l	98
70) Styrene	11.97	104	434978	20.783	ug/l	100
71) Bromoform	12.13	173	105828	21.424	ug/l #	100
73) Isopropylbenzene	12.25	105	701745	20.584	ug/l	99
74) N-amyl acetate	12.07	43	192136	21.141	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	174913	24.463	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	156908m	25.576	ug/l	
77) Bromobenzene	12.53	156	186845	20.799	ug/l	100
78) n-propylbenzene	12.59	91	805756	20.590	ug/l	100
79) 2-Chlorotoluene	12.68	91	479884	20.688	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	591538	21.326	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	45007	20.159	ug/l	98
82) 4-Chlorotoluene	12.77	91	485896	20.541	ug/l	98
83) tert-Butylbenzene	12.99	119	518731	21.173	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	662538	23.688	ug/l	99
85) sec-Butylbenzene	13.17	105	704200	20.959	ug/l	100
86) p-Isopropyltoluene	13.29	119	609603	20.895	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	325029	20.569	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	324098	20.446	ug/l	98
89) n-Butylbenzene	13.62	91	515584	20.733	ug/l	99
90) Hexachloroethane	13.88	117	92495	20.215	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	314699	21.647	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	24960	27.531	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	194718	31.443	ug/l	100
94) Hexachlorobutadiene	15.01	225	105823	23.334	ug/l	99
95) Naphthalene	15.13	128	452679	40.993	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	184448	40.133	ug/l	99

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

