

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082419\
 Data File : VN057478.D
 Acq On : 23 Aug 2019 17:54
 Operator : JC/SP
 Sample : VN0824WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/26/2019 1:13:11 PM

Quant Time: Aug 26 05:29:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 05:07:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	351648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	642553	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	541294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	175470	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	315639	51.03	ug/l	0.00
Spiked Amount						
			Recovery	=	102.06%	
35) Dibromofluoromethane	7.58	113	213601	49.21	ug/l	0.00
Spiked Amount						
			Recovery	=	98.42%	
50) Toluene-d8	10.08	98	807316	49.19	ug/l	0.00
Spiked Amount						
			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	12.40	95	243982	43.87	ug/l	0.00
Spiked Amount						
			Recovery	=	87.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.84	85	79073	19.055	ug/l	98
3) Chloromethane	2.05	50	105486	17.798	ug/l	96
4) Vinyl Chloride	2.17	62	133494	18.505	ug/l	100
5) Bromomethane	2.55	94	87459	19.673	ug/l	96
6) Chloroethane	2.69	64	85884	18.508	ug/l	98
7) Trichlorofluoromethane	3.00	101	205733	18.373	ug/l	99
8) Diethyl Ether	3.39	74	75499	19.145	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	113810	19.780	ug/l	100
10) Methyl Iodide	3.92	142	94471	20.662	ug/l	97
11) Tert butyl alcohol	4.79	59	65123	84.731	ug/l	95
12) 1,1-Dichloroethene	3.71	96	110159	18.404	ug/l	97
13) Acrolein	3.58	56	53682	79.431	ug/l	99
14) Allyl chloride	4.29	41	144013	18.190	ug/l	99
15) Acrylonitrile	4.96	53	185682	89.584	ug/l	98
16) Acetone	3.80	43	306146	107.767	ug/l	97
17) Carbon Disulfide	4.02	76	186472	16.332	ug/l	99
18) Methyl Acetate	4.30	43	113017	17.821	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	244426	16.917	ug/l	98
20) Methylene Chloride	4.52	84	77167	18.274	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	70752	16.751	ug/l	98
22) Diisopropyl ether	5.94	45	309187	18.206	ug/l	95
23) Vinyl Acetate	5.87	43	1169019	88.133	ug/l	100
24) 1,1-Dichloroethane	5.82	63	160854	17.872	ug/l	97
25) 2-Butanone	6.82	43	271489	88.010	ug/l	99
26) 2,2-Dichloropropane	6.80	77	133564	17.137	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	87779	17.532	ug/l	98
28) Bromochloromethane	7.17	49	99715	20.574	ug/l	95
29) Tetrahydrofuran	7.20	42	180905	88.937	ug/l	100
30) Chloroform	7.36	83	155021	18.610	ug/l	96
31) Cyclohexane	7.63	56	164026	18.876	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	134200	17.383	ug/l	98
36) 1,1-Dichloropropene	7.78	75	115412	17.578	ug/l	98
37) Ethyl Acetate	6.92	43	117954	18.181	ug/l	99
38) Carbon Tetrachloride	7.76	117	109189	16.740	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	142112	18.225	ug/l	97
40) Benzene	8.03	78	343091	17.410	ug/l	97
41) Methacrylonitrile	7.16	41	49254	15.921	ug/l	97
42) 1,2-Dichloroethane	8.11	62	131384	17.316	ug/l	100
43) Isopropyl Acetate	8.16	43	206399	17.350	ug/l	98
44) Trichloroethene	8.82	130	79847	18.152	ug/l	88
45) 1,2-Dichloropropane	9.11	63	98450	17.739	ug/l	99
46) Dibromomethane	9.20	93	57604	17.463	ug/l	98
47) Bromodichloromethane	9.39	83	122101	16.676	ug/l	94
48) Methyl methacrylate	9.19	41	99532	17.595	ug/l	98
49) 1,4-Dioxane	9.20	88	24812	339.192	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	570293	86.019	ug/l	99
52) Toluene	10.15	92	201760	17.764	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	123991	16.167	ug/l	97
54) cis-1,3-Dichloropropene	9.83	75	138581	16.229	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	78445	17.079	ug/l	97
56) Ethyl methacrylate	10.43	69	124938	17.292	ug/l	98
57) 1,3-Dichloropropane	10.70	76	140373	17.560	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	221882	119.802	ug/l	99
59) 2-Hexanone	10.75	43	392065	86.219	ug/l	100
60) Dibromochloromethane	10.90	129	78511	16.175	ug/l	100
61) 1,2-Dibromoethane	11.00	107	74943	16.636	ug/l	97
64) Tetrachloroethene	10.63	164	69653	18.393	ug/l	97
65) Chlorobenzene	11.43	112	186871	17.078	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	72631	17.308	ug/l	97
67) Ethyl Benzene	11.51	91	367441	17.349	ug/l	99
68) m/p-Xylenes	11.62	106	260615	36.183	ug/l	99
69) o-Xylene	11.95	106	127841	17.917	ug/l	99
70) Styrene	11.96	104	193294	17.109	ug/l	97
71) Bromoform	12.13	173	43393	15.297	ug/l #	98
73) Isopropylbenzene	12.25	105	333950	18.997	ug/l	99
74) N-amyl acetate	12.07	43	153882	18.882	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	98402	19.606	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	88263m	20.522	ug/l	
77) Bromobenzene	12.53	156	69105	19.616	ug/l	99
78) n-propylbenzene	12.59	91	364139	18.865	ug/l	100
79) 2-Chlorotoluene	12.68	91	216614	18.694	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	274167	19.327	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	28648	16.054	ug/l	91
82) 4-Chlorotoluene	12.77	91	208496	18.759	ug/l	100
83) tert-Butylbenzene	12.99	119	233248	19.295	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	258281	18.933	ug/l	100
85) sec-Butylbenzene	13.17	105	304306	19.369	ug/l	99
86) p-Isopropyltoluene	13.29	119	245767	17.919	ug/l	98
87) 1,3-Dichlorobenzene	13.29	146	101172	17.850	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	95984	17.293	ug/l	95
89) n-Butylbenzene	13.62	91	212951	18.347	ug/l	98
90) Hexachloroethane	13.88	117	49098	16.770	ug/l	95
91) 1,2-Dichlorobenzene	13.66	146	99922	18.468	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	14854	17.390	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	28600	17.032	ug/l	97
94) Hexachlorobutadiene	15.01	225	32361	21.648	ug/l	97
95) Naphthalene	15.13	128	93415	16.560	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	30882	17.789	ug/l	99

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

