

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112219\
 Data File : VN059355.D
 Acq On : 22 Nov 2019 11:45
 Operator : JC/SP
 Sample : VN1122WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/26/2019 2:43:20 PM

Quant Time: Nov 22 13:26:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 15:26:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	383756	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	609066	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	536132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	240918	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	240411	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	
35) Dibromofluoromethane	7.57	113	193353	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
50) Toluene-d8	10.08	98	780640	53.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.48%	
62) 4-Bromofluorobenzene	12.40	95	271876	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	87429	17.796	ug/l 98
3) Chloromethane	2.04	50	105866	17.590	ug/l 98
4) Vinyl Chloride	2.17	62	112956	18.229	ug/l 99
5) Bromomethane	2.54	94	61237	17.997	ug/l 100
6) Chloroethane	2.68	64	57899	17.120	ug/l 99
7) Trichlorofluoromethane	3.00	101	114533	17.164	ug/l 97
8) Diethyl Ether	3.39	74	50020	18.336	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.73	101	74446	18.245	ug/l 99
10) Methyl Iodide	3.93	142	93761	18.489	ug/l 98
11) Tert butyl alcohol	4.75	59	80849	87.701	ug/l 98
12) 1,1-Dichloroethene	3.72	96	73222	17.679	ug/l 95
13) Acrolein	3.58	56	74287	88.276	ug/l 99
14) Allyl chloride	4.30	41	135858	17.559	ug/l 99
15) Acrylonitrile	4.95	53	219930	90.230	ug/l 98
16) Acetone	3.79	43	242729	117.570	ug/l 98
17) Carbon Disulfide	4.03	76	225655	17.476	ug/l 100
18) Methyl Acetate	4.29	43	125064	18.253	ug/l 99
19) Methyl tert-butyl Ether	5.01	73	241201	18.030	ug/l 98
20) Methylene Chloride	4.53	84	84571	18.163	ug/l 97
21) trans-1,2-Dichloroethene	5.01	96	77184	17.584	ug/l 99
22) Diisopropyl ether	5.92	45	263221	18.068	ug/l 100
23) Vinyl Acetate	5.87	43	1016097	88.696	ug/l 100
24) 1,1-Dichloroethane	5.82	63	148572	18.119	ug/l 99
25) 2-Butanone	6.81	43	313160	97.547	ug/l 98
26) 2,2-Dichloropropane	6.80	77	125862	17.726	ug/l 100
27) cis-1,2-Dichloroethene	6.80	96	88392	17.848	ug/l 98
28) Bromochloromethane	7.17	49	63431	20.449	ug/l 96
29) Tetrahydrofuran	7.19	42	196733	88.625	ug/l 100
30) Chloroform	7.35	83	140732	17.597	ug/l 95
31) Cyclohexane	7.63	56	145018	17.887	ug/l 98
32) 1,1,1-Trichloroethane	7.55	97	121270	17.738	ug/l 99
36) 1,1-Dichloropropene	7.77	75	109508	17.416	ug/l 99
37) Ethyl Acetate	6.90	43	118898	17.595	ug/l 99
38) Carbon Tetrachloride	7.75	117	107831	17.914	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	136188	17.962	ug/l	99
40) Benzene	8.02	78	331842	17.982	ug/l	99
41) Methacrylonitrile	7.16	41	58834m	18.736	ug/l	
42) 1,2-Dichloroethane	8.11	62	109310	17.910	ug/l	100
43) Isopropyl Acetate	8.15	43	183665	17.784	ug/l	99
44) Trichloroethene	8.82	130	83613	17.877	ug/l	97
45) 1,2-Dichloropropane	9.10	63	87685	17.819	ug/l	96
46) Dibromomethane	9.19	93	54185	17.951	ug/l	99
47) Bromodichloromethane	9.39	83	108414	17.934	ug/l	99
48) Methyl methacrylate	9.19	41	80203	17.078	ug/l	97
49) 1,4-Dioxane	9.19	88	26346	376.831	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	572527	94.713	ug/l	99
52) Toluene	10.15	92	201733	18.180	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	123533	17.579	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	137581	18.043	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	78268	18.141	ug/l	99
56) Ethyl methacrylate	10.42	69	117389	17.597	ug/l	100
57) 1,3-Dichloropropane	10.70	76	136645	18.172	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	211974	94.817	ug/l	100
59) 2-Hexanone	10.75	43	428678	96.847	ug/l	99
60) Dibromochloromethane	10.90	129	80794	17.771	ug/l	99
61) 1,2-Dibromoethane	11.00	107	80073	17.837	ug/l	100
64) Tetrachloroethene	10.63	164	78924	19.034	ug/l	98
65) Chlorobenzene	11.43	112	208482	18.085	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	77049	18.398	ug/l	100
67) Ethyl Benzene	11.51	91	381301	18.525	ug/l	100
68) m/p-Xylenes	11.62	106	282602	36.950	ug/l	99
69) o-Xylene	11.95	106	135841	18.552	ug/l	99
70) Styrene	11.96	104	209728	18.153	ug/l	99
71) Bromoform	12.13	173	58043	18.300	ug/l #	99
73) Isopropylbenzene	12.25	105	366547	18.573	ug/l	100
74) N-amyl acetate	12.07	43	140517	17.716	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	116096	17.783	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	109157m	19.612	ug/l	
77) Bromobenzene	12.53	156	86774	18.127	ug/l	99
78) n-propylbenzene	12.59	91	417964	18.696	ug/l	99
79) 2-Chlorotoluene	12.68	91	247366	18.027	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	302476	18.232	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	40082	18.012	ug/l	99
82) 4-Chlorotoluene	12.77	91	249818	17.593	ug/l	98
83) tert-Butylbenzene	12.99	119	261025	18.629	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	299433	18.425	ug/l	100
85) sec-Butylbenzene	13.17	105	349759	18.572	ug/l	100
86) p-Isopropyltoluene	13.29	119	314919	18.792	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	151133	17.729	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	149585	17.735	ug/l	99
89) n-Butylbenzene	13.62	91	265524	18.062	ug/l	99
90) Hexachloroethane	13.88	117	57006	17.962	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	148557	18.012	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	23805	17.151	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	80180	17.650	ug/l	98
94) Hexachlorobutadiene	15.01	225	54013	18.177	ug/l	99
95) Naphthalene	15.13	128	216673	17.456	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	81234	17.422	ug/l	99

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

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