

Data File : VN057178.D
Acq On : 11 Aug 2019 11:25
Operator : JC/SP
Sample : VN0811WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01

Manual Integrations
APPROVED

MMDadoda
8/12/2019 3:41:28 PM

Quant Time: Aug 12 06:26:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:49:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1235137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1785007	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.90	117	1567131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.87	152	573697	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	639048	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
35) Dibromofluoromethane	6.99	113	584091	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
50) Toluene-d8	9.56	98	2210455	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
62) 4-Bromofluorobenzene	11.92	95	695407	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.82	85	175997	17.729	ug/l	100
3) Chloromethane	2.00	50	215775	16.359	ug/l	96
4) Vinyl Chloride	2.11	62	222609	18.157	ug/l	100
5) Bromomethane	2.43	94	160596	19.278	ug/l	99
6) Chloroethane	2.55	64	148893	18.934	ug/l	98
7) Trichlorofluoromethane	2.83	101	334914	19.004	ug/l	99
8) Diethyl Ether	3.14	74	129362	18.999	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.44	101	205719	19.256	ug/l	100
10) Methyl Iodide	3.63	142	307612	19.054	ug/l	100
11) Tert butyl alcohol	4.24	59	171794	95.039	ug/l #	88
12) 1,1-Dichloroethene	3.43	96	200667	19.093	ug/l	97
13) Acrolein	3.31	56	72086	63.038	ug/l	99
14) Allyl chloride	3.91	41	288029	18.858	ug/l	98
15) Acrylonitrile	4.45	53	484146	98.963	ug/l	99
16) Acetone	3.48	43	442209	115.274	ug/l	100
17) Carbon Disulfide	3.72	76	508606	18.191	ug/l	98
18) Methyl Acetate	3.89	43	229869	19.714	ug/l	98
19) Methyl tert-butyl Ether	4.49	73	626298	19.739	ug/l	97
20) Methylene Chloride	4.10	84	239117	18.887	ug/l	97
21) trans-1,2-Dichloroethene	4.51	96	217266	18.977	ug/l	98
22) Diisopropyl ether	5.32	45	647884	19.447	ug/l	99
23) Vinyl Acetate	5.26	43	2519987	98.779	ug/l	100
24) 1,1-Dichloroethane	5.25	63	390551	19.070	ug/l	98
25) 2-Butanone	6.20	43	615802	105.067	ug/l	98
26) 2,2-Dichloropropane	6.21	77	320355	21.501	ug/l	99
27) cis-1,2-Dichloroethene	6.21	96	256575	19.562	ug/l	99
28) Bromochloromethane	6.59	49	192365	20.421	ug/l	97
29) Tetrahydrofuran	6.60	42	391599	99.183	ug/l	100
30) Chloroform	6.76	83	406956	19.199	ug/l	95
31) Cyclohexane	7.07	56	340813	18.497	ug/l	95
32) 1,1,1-Trichloroethane	6.98	97	347076	19.519	ug/l	98
36) 1,1-Dichloropropene	7.20	75	301529	20.516	ug/l	99
37) Ethyl Acetate	6.28	43	243619	20.101	ug/l #	99
38) Carbon Tetrachloride	7.19	117	300590	19.625	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.53	83	348671	19.509	ug/l	96
40) Benzene	7.46	78	907146	19.497	ug/l	98
41) Methacrylonitrile	6.55	41	129846	21.099	ug/l	98
42) 1,2-Dichloroethane	7.54	62	285592	19.247	ug/l	97
43) Isopropyl Acetate	7.56	43	409185	19.791	ug/l	100
44) Trichloroethene	8.27	130	256694	19.693	ug/l	98
45) 1,2-Dichloropropane	8.56	63	240752	19.985	ug/l	99
46) Dibromomethane	8.65	93	155359	20.113	ug/l	98
47) Bromodichloromethane	8.85	83	305976	20.472	ug/l	99
48) Methyl methacrylate	8.63	41	186739	19.154	ug/l	97
49) 1,4-Dioxane	8.64	88	81494	410.427	ug/l	97
51) 4-Methyl-2-Pentanone	9.45	43	1215352	101.004	ug/l	99
52) Toluene	9.63	92	572659	19.829	ug/l	99
53) t-1,3-Dichloropropene	9.86	75	323229	20.701	ug/l	99
54) cis-1,3-Dichloropropene	9.30	75	365818	20.418	ug/l	99
55) 1,1,2-Trichloroethane	10.04	97	225810	19.883	ug/l	99
56) Ethyl methacrylate	9.90	69	319178	20.073	ug/l	99
57) 1,3-Dichloropropane	10.19	76	374998	20.023	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.15	63	371919	68.696	ug/l	98
59) 2-Hexanone	10.24	43	844180	103.661	ug/l	100
60) Dibromochloromethane	10.39	129	250409	20.995	ug/l	99
61) 1,2-Dibromoethane	10.50	107	237170	20.238	ug/l	100
64) Tetrachloroethene	10.11	164	267114	20.495	ug/l	98
65) Chlorobenzene	10.93	112	622231	19.733	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.01	131	243708	20.673	ug/l	99
67) Ethyl Benzene	11.01	91	1070922	19.733	ug/l	99
68) m/p-Xylenes	11.12	106	801454	40.086	ug/l	100
69) o-Xylene	11.46	106	396450	19.924	ug/l	99
70) Styrene	11.47	104	625257	20.118	ug/l	100
71) Bromoform	11.64	173	180668	20.922	ug/l #	99
73) Isopropylbenzene	11.77	105	1054372	21.036	ug/l	100
74) N-amyl acetate	11.58	43	284385	19.562	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.02	83	302359	21.788	ug/l	99
76) 1,2,3-Trichloropropane	12.08	75	263518m	21.865	ug/l	
77) Bromobenzene	12.04	156	272168	19.737	ug/l	98
78) n-propylbenzene	12.11	91	1074933	19.531	ug/l	99
79) 2-Chlorotoluene	12.19	91	676787	20.940	ug/l	100
80) 1,3,5-Trimethylbenzene	12.26	105	886190	20.008	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.82	75	84303	21.606	ug/l	99
82) 4-Chlorotoluene	12.30	91	627512	19.691	ug/l	98
83) tert-Butylbenzene	12.52	119	791596	21.481	ug/l	97
84) 1,2,4-Trimethylbenzene	12.57	105	826177	19.298	ug/l	100
85) sec-Butylbenzene	12.70	105	953401	19.074	ug/l	98
86) p-Isopropyltoluene	12.82	119	837167	19.088	ug/l	99
87) 1,3-Dichlorobenzene	12.81	146	391852	19.960	ug/l	98
88) 1,4-Dichlorobenzene	12.89	146	356929	19.189	ug/l	97
89) n-Butylbenzene	13.15	91	599287	19.777	ug/l	99
90) Hexachloroethane	13.41	117	153806	21.513	ug/l	98
91) 1,2-Dichlorobenzene	13.19	146	385913	19.686	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.81	75	36433	18.066	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081119\
Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.45	180	105794	17.145	ug/l	99
94) Hexachlorobutadiene	14.55	225	166420	22.232	ug/l	99
95) Naphthalene	14.67	128	194299	15.330	ug/l	100
96) 1,2,3-Trichlorobenzene	14.83	180	105492	16.585	ug/l	99

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

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