

Data File : VN057180.D
Acq On : 11 Aug 2019 12:13
Operator : JC/SP
Sample : VN0811WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01

Manual Integrations
APPROVED

MMDadoda
8/12/2019 3:41:33 PM

Quant Time: Aug 12 06:30:20 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	1134538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1648087	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1443561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.87	152	506597	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	569971	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
35) Dibromofluoromethane	6.99	113	524948	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
50) Toluene-d8	9.56	98	1961225	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
62) 4-Bromofluorobenzene	11.92	95	618707	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.82	85	162057	17.772	ug/l	99
3) Chloromethane	2.00	50	201792	16.655	ug/l	96
4) Vinyl Chloride	2.11	62	200463	17.800	ug/l	97
5) Bromomethane	2.43	94	149215	19.500	ug/l	95
6) Chloroethane	2.55	64	137804	19.077	ug/l	98
7) Trichlorofluoromethane	2.82	101	311720	19.257	ug/l	98
8) Diethyl Ether	3.14	74	118028	18.872	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.44	101	190764	19.440	ug/l	100
10) Methyl Iodide	3.63	142	290631	19.599	ug/l	99
11) Tert butyl alcohol	4.24	59	162583	97.918	ug/l	98
12) 1,1-Dichloroethene	3.43	96	183858	19.045	ug/l	97
13) Acrolein	3.31	56	74098	70.543	ug/l	98
14) Allyl chloride	3.91	41	287359	20.482	ug/l	95
15) Acrylonitrile	4.45	53	446733	99.412	ug/l	99
16) Acetone	3.48	43	362431	102.855	ug/l	99
17) Carbon Disulfide	3.72	76	471581	18.362	ug/l	99
18) Methyl Acetate	3.89	43	208585	19.466	ug/l	100
19) Methyl tert-butyl Ether	4.49	73	583018	20.004	ug/l	100
20) Methylene Chloride	4.10	84	220814	18.988	ug/l	95
21) trans-1,2-Dichloroethene	4.51	96	199250	18.947	ug/l	98
22) Diisopropyl ether	5.32	45	607463	19.851	ug/l	98
23) Vinyl Acetate	5.26	43	2340847	99.893	ug/l	100
24) 1,1-Dichloroethane	5.25	63	364454	19.374	ug/l	99
25) 2-Butanone	6.20	43	544540	101.146	ug/l	99
26) 2,2-Dichloropropane	6.21	77	290058	21.193	ug/l	100
27) cis-1,2-Dichloroethene	6.21	96	238828	19.824	ug/l	98
28) Bromochloromethane	6.58	49	173336	20.032	ug/l	100
29) Tetrahydrofuran	6.60	42	348374	96.058	ug/l	98
30) Chloroform	6.76	83	372534	19.133	ug/l	98
31) Cyclohexane	7.06	56	313474	18.522	ug/l	98
32) 1,1,1-Trichloroethane	6.98	97	323379	19.799	ug/l	98
36) 1,1-Dichloropropene	7.20	75	276537	20.379	ug/l	98
37) Ethyl Acetate	6.28	43	225340	20.137	ug/l #	98
38) Carbon Tetrachloride	7.18	117	282053	19.945	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.52	83	323611	19.611	ug/l	95
40) Benzene	7.46	78	855044	19.904	ug/l	99
41) Methacrylonitrile	6.55	41	121421	21.369	ug/l	96
42) 1,2-Dichloroethane	7.54	62	276959	20.216	ug/l	99
43) Isopropyl Acetate	7.56	43	375170	19.654	ug/l	99
44) Trichloroethene	8.27	130	243904	20.266	ug/l	99
45) 1,2-Dichloropropane	8.56	63	220775	19.849	ug/l	99
46) Dibromomethane	8.65	93	146397	20.527	ug/l	99
47) Bromodichloromethane	8.85	83	285980	20.724	ug/l	97
48) Methyl methacrylate	8.63	41	175015	19.443	ug/l	96
49) 1,4-Dioxane	8.64	88	72013	392.808	ug/l	96
51) 4-Methyl-2-Pentanone	9.45	43	1110729	99.978	ug/l	100
52) Toluene	9.63	92	539211	20.222	ug/l	99
53) t-1,3-Dichloropropene	9.86	75	305039	21.159	ug/l	98
54) cis-1,3-Dichloropropene	9.30	75	339938	20.550	ug/l	98
55) 1,1,2-Trichloroethane	10.04	97	210570	20.082	ug/l	98
56) Ethyl methacrylate	9.90	69	295681	20.140	ug/l	98
57) 1,3-Dichloropropane	10.19	76	346112	20.016	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.15	63	332093	66.867	ug/l	100
59) 2-Hexanone	10.24	43	766594	101.955	ug/l	99
60) Dibromochloromethane	10.39	129	233876	21.238	ug/l	99
61) 1,2-Dibromoethane	10.50	107	219592	20.295	ug/l	99
64) Tetrachloroethene	10.11	164	246251	20.512	ug/l	96
65) Chlorobenzene	10.93	112	578288	19.910	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.01	131	223669	20.598	ug/l	99
67) Ethyl Benzene	11.01	91	1005257	20.109	ug/l	99
68) m/p-Xylenes	11.13	106	744990	40.452	ug/l	99
69) o-Xylene	11.46	106	369475	20.158	ug/l	98
70) Styrene	11.47	104	573157	20.020	ug/l	100
71) Bromoform	11.64	173	166178	20.891	ug/l #	99
73) Isopropylbenzene	11.77	105	978664	22.254	ug/l	99
74) N-amyl acetate	11.59	43	267371	20.827	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.02	83	278656	22.940	ug/l	100
76) 1,2,3-Trichloropropane	12.08	75	226198m	21.166	ug/l	
77) Bromobenzene	12.04	156	250955	20.610	ug/l	99
78) n-propylbenzene	12.11	91	981528	20.196	ug/l	100
79) 2-Chlorotoluene	12.20	91	630559	22.206	ug/l	98
80) 1,3,5-Trimethylbenzene	12.26	105	811698	20.754	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.82	75	74709	21.684	ug/l	99
82) 4-Chlorotoluene	12.30	91	561472	19.952	ug/l	100
83) tert-Butylbenzene	12.52	119	733571	22.651	ug/l	99
84) 1,2,4-Trimethylbenzene	12.57	105	765625	20.253	ug/l	100
85) sec-Butylbenzene	12.70	105	871448	19.744	ug/l	99
86) p-Isopropyltoluene	12.82	119	752584	19.432	ug/l	99
87) 1,3-Dichlorobenzene	12.81	146	354255	20.435	ug/l	98
88) 1,4-Dichlorobenzene	12.90	146	322400	19.629	ug/l	98
89) n-Butylbenzene	13.15	91	550439	20.571	ug/l	99
90) Hexachloroethane	13.41	117	145235	23.073	ug/l	99
91) 1,2-Dichlorobenzene	13.19	146	344210	19.884	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.81	75	31724	17.814	ug/l	99

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	91260	16.886	ug/l	98
94) Hexachlorobutadiene	14.55	225	152579	23.239	ug/l	98
95) Naphthalene	14.67	128	173321	15.452	ug/l	98
96) 1,2,3-Trichlorobenzene	14.84	180	84995	15.634	ug/l	94

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

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