

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110119\
 Data File : VN059065.D
 Acq On : 1 Nov 2019 16:20
 Operator : JC/SP
 Sample : VN1101WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBS02

Manual Integrations
 APPROVED

MMDadoda
 11/5/2019 1:59:33 PM

Quant Time: Nov 02 05:39:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 05:43:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	438027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	699383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	629951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	282411	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	289701	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
35) Dibromofluoromethane	7.57	113	218184	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
50) Toluene-d8	10.08	98	871971	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
62) 4-Bromofluorobenzene	12.40	95	303000	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	91618	19.345	ug/l	100
3) Chloromethane	2.04	50	126812	19.748	ug/l	98
4) Vinyl Chloride	2.17	62	124079	19.906	ug/l	98
5) Bromomethane	2.55	94	71864	19.501	ug/l	99
6) Chloroethane	2.69	64	73280	19.196	ug/l	98
7) Trichlorofluoromethane	3.00	101	150045	20.257	ug/l	98
8) Diethyl Ether	3.39	74	56556	19.552	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.73	101	84870	19.440	ug/l	98
10) Methyl Iodide	3.93	142	101853	19.194	ug/l	97
11) Tert butyl alcohol	4.75	59	95930	89.349	ug/l	99
12) 1,1-Dichloroethene	3.72	96	84300	19.416	ug/l	98
13) Acrolein	3.58	56	67799	100.076	ug/l	99
14) Allyl chloride	4.30	41	166566	19.360	ug/l	98
15) Acrylonitrile	4.96	53	269068	99.903	ug/l	98
16) Acetone	3.79	43	268374	91.380	ug/l	98
17) Carbon Disulfide	4.03	76	260944	18.904	ug/l	98
18) Methyl Acetate	4.30	43	138130	18.565	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	291080	19.683	ug/l	99
20) Methylene Chloride	4.53	84	100011	19.452	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	89421	19.184	ug/l	99
22) Diisopropyl ether	5.92	45	331284	20.215	ug/l	94
23) Vinyl Acetate	5.87	43	1376781	105.481	ug/l	100
24) 1,1-Dichloroethane	5.82	63	183851	19.623	ug/l	98
25) 2-Butanone	6.81	43	373122	95.413	ug/l	99
26) 2,2-Dichloropropane	6.80	77	151529	18.633	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	102103	19.454	ug/l	99
28) Bromochloromethane	7.17	49	51122	17.679	ug/l	99
29) Tetrahydrofuran	7.19	42	245264	99.378	ug/l	99
30) Chloroform	7.35	83	175476	19.586	ug/l	99
31) Cyclohexane	7.63	56	168642	18.871	ug/l	95
32) 1,1,1-Trichloroethane	7.55	97	150265	19.824	ug/l	99
36) 1,1-Dichloropropene	7.77	75	130071	18.712	ug/l	100
37) Ethyl Acetate	6.90	43	149018	19.295	ug/l	99
38) Carbon Tetrachloride	7.75	117	131482	19.409	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	154200	19.193	ug/l	99
40) Benzene	8.02	78	408483	19.802	ug/l	99
41) Methacrylonitrile	7.16	41	65317m	19.558	ug/l	
42) 1,2-Dichloroethane	8.10	62	140290	19.582	ug/l	98
43) Isopropyl Acetate	8.15	43	230138	19.055	ug/l	99
44) Trichloroethene	8.82	130	97562	19.222	ug/l	97
45) 1,2-Dichloropropane	9.10	63	109704	19.664	ug/l	99
46) Dibromomethane	9.19	93	67578	19.599	ug/l	98
47) Bromodichloromethane	9.39	83	135933	19.466	ug/l	100
48) Methyl methacrylate	9.19	41	105006	19.068	ug/l	98
49) 1,4-Dioxane	9.19	88	31727	353.182	ug/l	94
51) 4-Methyl-2-Pentanone	9.97	43	741773	105.723	ug/l	97
52) Toluene	10.15	92	244805	20.253	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	154206	19.098	ug/l	97
54) cis-1,3-Dichloropropene	9.83	75	167609	19.680	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	96000	19.497	ug/l	99
56) Ethyl methacrylate	10.42	69	143152	18.353	ug/l	97
57) 1,3-Dichloropropane	10.70	76	167888	19.606	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	302222	100.427	ug/l	99
59) 2-Hexanone	10.75	43	536367	100.628	ug/l	98
60) Dibromochloromethane	10.90	129	101055	19.044	ug/l	100
61) 1,2-Dibromoethane	11.00	107	98849	19.817	ug/l	100
64) Tetrachloroethene	10.63	164	86057	19.556	ug/l	96
65) Chlorobenzene	11.43	112	249964	19.333	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.51	131	94027	19.767	ug/l	100
67) Ethyl Benzene	11.51	91	455877	20.368	ug/l	98
68) m/p-Xylenes	11.62	106	335978	40.200	ug/l	100
69) o-Xylene	11.95	106	158082	19.808	ug/l	99
70) Styrene	11.96	104	253695	19.616	ug/l	99
71) Bromoform	12.13	173	71500	19.419	ug/l #	99
73) Isopropylbenzene	12.25	105	429726	20.684	ug/l	100
74) N-amyl acetate	12.07	43	180421	19.522	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	147362	19.911	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	136494m	20.424	ug/l	
77) Bromobenzene	12.53	156	104433	20.103	ug/l	98
78) n-propylbenzene	12.59	91	496751	20.644	ug/l	100
79) 2-Chlorotoluene	12.68	91	298324	19.966	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	358996	20.331	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	49005	18.798	ug/l	95
82) 4-Chlorotoluene	12.78	91	301709	19.786	ug/l	99
83) tert-Butylbenzene	13.00	119	304699	20.313	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	358492	20.894	ug/l	100
85) sec-Butylbenzene	13.17	105	404212	20.561	ug/l	100
86) p-Isopropyltoluene	13.29	119	360520	20.341	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	178347	19.322	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	177531	19.445	ug/l	99
89) n-Butylbenzene	13.62	91	303607	19.659	ug/l	98
90) Hexachloroethane	13.88	117	70286	19.950	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	178322	19.416	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30066	18.808	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	92299	18.633	ug/l	100
94) Hexachlorobutadiene	15.01	225	58107	19.545	ug/l	98
95) Naphthalene	15.13	128	251706	18.314	ug/l	98
96) 1,2,3-Trichlorobenzene	15.30	180	95965	19.035	ug/l	100

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

