

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110519\
 Data File : VN059089.D
 Acq On : 5 Nov 2019 13:58
 Operator : JC/SP
 Sample : VN1105WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1105WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/6/2019 1:56:25 PM

Quant Time: Nov 06 01:22:54 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	7.64	168	499099	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	779032	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	709156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	322755	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	327052	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
35) Dibromofluoromethane	7.57	113	251129	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
50) Toluene-d8	10.08	98	980994	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.40	95	342047	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	106153	19.672	ug/l	98
3) Chloromethane	2.04	50	140424	19.191	ug/l	98
4) Vinyl Chloride	2.17	62	139586	19.653	ug/l	97
5) Bromomethane	2.55	94	80240	19.109	ug/l	99
6) Chloroethane	2.69	64	82773	19.029	ug/l	100
7) Trichlorofluoromethane	3.00	101	169784	20.117	ug/l	100
8) Diethyl Ether	3.39	74	66745	20.251	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	102040	20.512	ug/l	99
10) Methyl Iodide	3.93	142	122714	20.296	ug/l	100
11) Tert butyl alcohol	4.75	59	110873	90.630	ug/l	100
12) 1,1-Dichloroethene	3.72	96	98684	19.947	ug/l	98
13) Acrolein	3.58	56	70344	91.127	ug/l	99
14) Allyl chloride	4.30	41	195520m	19.945	ug/l	
15) Acrylonitrile	4.95	53	314854	102.598	ug/l	99
16) Acetone	3.79	43	339133	101.344	ug/l	100
17) Carbon Disulfide	4.03	76	295925	18.815	ug/l	99
18) Methyl Acetate	4.30	43	162305	19.145	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	340263	20.194	ug/l	99
20) Methylene Chloride	4.53	84	113341	19.347	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	104030	19.587	ug/l	99
22) Diisopropyl ether	5.92	45	383929	20.561	ug/l	95
23) Vinyl Acetate	5.87	43	1592026	107.047	ug/l	100
24) 1,1-Dichloroethane	5.82	63	212239	19.881	ug/l	100
25) 2-Butanone	6.81	43	448476	100.649	ug/l	98
26) 2,2-Dichloropropane	6.80	77	179931	19.418	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	121969	20.395	ug/l	99
28) Bromochloromethane	7.17	49	65857	19.988	ug/l	97
29) Tetrahydrofuran	7.18	42	284653	101.224	ug/l	99
30) Chloroform	7.35	83	200769	19.667	ug/l	99
31) Cyclohexane	7.63	56	198958	19.539	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	171720	19.882	ug/l	98
36) 1,1-Dichloropropene	7.77	75	156361	20.195	ug/l	99
37) Ethyl Acetate	6.90	43	174678	20.305	ug/l	99
38) Carbon Tetrachloride	7.75	117	154145	20.428	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	180262	20.142	ug/l	99
40) Benzene	8.02	78	465107	20.241	ug/l	99
41) Methacrylonitrile	7.15	41	78815	21.187	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	159967	20.046	ug/l	100
43) Isopropyl Acetate	8.14	43	270537	20.109	ug/l	100
44) Trichloroethene	8.82	130	113266	20.035	ug/l	99
45) 1,2-Dichloropropane	9.10	63	125743	20.235	ug/l	100
46) Dibromomethane	9.19	93	77113	20.078	ug/l	99
47) Bromodichloromethane	9.39	83	156843	20.164	ug/l	98
48) Methyl methacrylate	9.18	41	120575	19.656	ug/l	99
49) 1,4-Dioxane	9.18	88	38386	383.621	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	854221	109.302	ug/l	98
52) Toluene	10.15	92	282844	21.008	ug/l	97
53) t-1,3-Dichloropropene	10.37	75	178655	19.863	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	194613	20.514	ug/l	97
55) 1,1,2-Trichloroethane	10.55	97	111014	20.241	ug/l	98
56) Ethyl methacrylate	10.42	69	168308	19.270	ug/l	99
57) 1,3-Dichloropropane	10.70	76	195284	20.474	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	357781	106.016	ug/l	99
59) 2-Hexanone	10.74	43	636070	107.132	ug/l	99
60) Dibromochloromethane	10.90	129	116493	19.709	ug/l	96
61) 1,2-Dibromoethane	11.00	107	113124	20.360	ug/l	100
64) Tetrachloroethene	10.63	164	100205	20.228	ug/l	99
65) Chlorobenzene	11.43	112	289867	19.916	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	107868	20.144	ug/l	99
67) Ethyl Benzene	11.51	91	520666	20.665	ug/l	99
68) m/p-Xylenes	11.62	106	385001	40.921	ug/l	98
69) o-Xylene	11.95	106	185577	20.656	ug/l	97
70) Styrene	11.96	104	293492	20.159	ug/l	100
71) Bromoform	12.13	173	83125	20.055	ug/l #	99
73) Isopropylbenzene	12.25	105	495245	20.858	ug/l	100
74) N-amyl acetate	12.07	43	209045	19.792	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	168028	19.866	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	152939m	20.024	ug/l	
77) Bromobenzene	12.53	156	121291	20.430	ug/l	97
78) n-propylbenzene	12.59	91	580936	21.125	ug/l	100
79) 2-Chlorotoluene	12.68	91	346587	20.297	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	421020	20.863	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	56336	18.909	ug/l	94
82) 4-Chlorotoluene	12.78	91	351265	20.156	ug/l	99
83) tert-Butylbenzene	12.99	119	352593	20.568	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	418271	21.331	ug/l	100
85) sec-Butylbenzene	13.18	105	478830	21.312	ug/l	99
86) p-Isopropyltoluene	13.29	119	425719	21.017	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	210330	19.939	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	205858	19.729	ug/l	99
89) n-Butylbenzene	13.62	91	361870	20.503	ug/l	100
90) Hexachloroethane	13.88	117	78868	19.587	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	207883	19.806	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	34765	19.029	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	111105	19.626	ug/l	99
94) Hexachlorobutadiene	15.01	225	69486	20.451	ug/l	99
95) Naphthalene	15.13	128	302768	19.119	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	112818	19.581	ug/l	99

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

