

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110619\
 Data File : VN059102.D
 Acq On : 6 Nov 2019 13:12
 Operator : JC/SP
 Sample : VN1106WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/7/2019 9:16:28 AM

Quant Time: Nov 07 04:18:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	501526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	786472	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	705754	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	312922	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	306963	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
35) Dibromofluoromethane	7.57	113	235819	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
50) Toluene-d8	10.08	98	921871	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
62) 4-Bromofluorobenzene	12.40	95	320186	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	96524	19.102	ug/l	100
3) Chloromethane	2.04	50	132413	19.277	ug/l	100
4) Vinyl Chloride	2.17	62	128799	19.341	ug/l	98
5) Bromomethane	2.55	94	74763	19.509	ug/l	97
6) Chloroethane	2.68	64	77400	19.648	ug/l	100
7) Trichlorofluoromethane	3.00	101	157503	19.773	ug/l	100
8) Diethyl Ether	3.39	74	63614	19.655	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.73	101	94773	19.733	ug/l	99
10) Methyl Iodide	3.93	142	114235	19.216	ug/l	99
11) Tert butyl alcohol	4.75	59	111065	94.529	ug/l	99
12) 1,1-Dichloroethene	3.71	96	91269	19.508	ug/l	98
13) Acrolein	3.58	56	61057	100.793	ug/l	98
14) Allyl chloride	4.30	41	184589	19.208	ug/l	99
15) Acrylonitrile	4.96	53	297843	101.862	ug/l	98
16) Acetone	3.79	43	311935	97.299	ug/l	100
17) Carbon Disulfide	4.03	76	275182	18.948	ug/l	99
18) Methyl Acetate	4.30	43	153509	20.173	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	326775	20.287	ug/l	99
20) Methylene Chloride	4.53	84	109108	19.535	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	98526	19.619	ug/l	95
22) Diisopropyl ether	5.92	45	367871	20.266	ug/l	94
23) Vinyl Acetate	5.87	43	1509681	107.311	ug/l	99
24) 1,1-Dichloroethane	5.82	63	199994	19.726	ug/l	98
25) 2-Butanone	6.81	43	421381	99.729	ug/l	98
26) 2,2-Dichloropropane	6.80	77	170050	19.182	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	115123	19.760	ug/l	99
28) Bromochloromethane	7.17	49	61226	20.073	ug/l	98
29) Tetrahydrofuran	7.19	42	276501	102.991	ug/l	100
30) Chloroform	7.35	83	192111	19.753	ug/l	98
31) Cyclohexane	7.63	56	186860	19.469	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	163731	20.024	ug/l	100
36) 1,1-Dichloropropene	7.77	75	147042	20.002	ug/l	99
37) Ethyl Acetate	6.90	43	163891	20.040	ug/l	99
38) Carbon Tetrachloride	7.75	117	144524	19.752	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	166657	19.534	ug/l	100
40) Benzene	8.02	78	441091	19.925	ug/l	98
41) Methacrylonitrile	7.15	41	59274m	16.668	ug/l	
42) 1,2-Dichloroethane	8.10	62	154998	20.415	ug/l	99
43) Isopropyl Acetate	8.14	43	256127	19.645	ug/l	93
44) Trichloroethene	8.82	130	106959	19.656	ug/l	98
45) 1,2-Dichloropropane	9.10	63	122065	20.301	ug/l	99
46) Dibromomethane	9.19	93	74262	19.820	ug/l	99
47) Bromodichloromethane	9.39	83	149701	20.008	ug/l	98
48) Methyl methacrylate	9.18	41	113077	19.390	ug/l	99
49) 1,4-Dioxane	9.18	88	36307	350.321	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	811663	110.024	ug/l	99
52) Toluene	10.15	92	266658	20.097	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	168364	19.477	ug/l	97
54) cis-1,3-Dichloropropene	9.83	75	185381	19.937	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	106142	19.766	ug/l	99
56) Ethyl methacrylate	10.42	69	160727	19.147	ug/l	99
57) 1,3-Dichloropropane	10.70	76	185557	20.078	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.68	63	323997	108.417	ug/l	99
59) 2-Hexanone	10.74	43	595080	105.095	ug/l	100
60) Dibromochloromethane	10.90	129	112220	19.766	ug/l	100
61) 1,2-Dibromoethane	11.00	107	107159	19.713	ug/l	99
64) Tetrachloroethene	10.62	164	96497	20.108	ug/l	95
65) Chlorobenzene	11.43	112	272423	19.801	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	104132	20.177	ug/l	99
67) Ethyl Benzene	11.51	91	495667	20.306	ug/l	99
68) m/p-Xylenes	11.62	106	360612	39.439	ug/l	97
69) o-Xylene	11.95	106	176668	19.993	ug/l	100
70) Styrene	11.96	104	277739	19.985	ug/l	99
71) Bromoform	12.13	173	78849	19.642	ug/l #	100
73) Isopropylbenzene	12.25	105	475416	20.886	ug/l	100
74) N-amyl acetate	12.07	43	195941	20.315	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	162428	20.954	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	140302m	19.694	ug/l	
77) Bromobenzene	12.53	156	112937	19.748	ug/l	98
78) n-propylbenzene	12.59	91	541629	20.782	ug/l	99
79) 2-Chlorotoluene	12.67	91	325900	20.157	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	398456	20.659	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	54139	20.072	ug/l	98
82) 4-Chlorotoluene	12.77	91	323429	19.945	ug/l	99
83) tert-Butylbenzene	12.99	119	338069	20.297	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	389244	20.859	ug/l	98
85) sec-Butylbenzene	13.17	105	445070	20.546	ug/l	99
86) p-Isopropyltoluene	13.29	119	396931	20.752	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	194795	19.891	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	192309	19.627	ug/l	99
89) n-Butylbenzene	13.62	91	328111	19.600	ug/l	99
90) Hexachloroethane	13.88	117	75119	19.558	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	195159	20.259	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32476	21.015	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	99180	18.982	ug/l	98
94) Hexachlorobutadiene	15.01	225	61859	18.623	ug/l	97
95) Naphthalene	15.13	128	265736	18.435	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	101315	18.766	ug/l	99

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

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