

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111419\
 Data File : VN059223.D
 Acq On : 14 Nov 2019 11:19
 Operator : JC/SP
 Sample : VN1114WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/15/2019 10:21:47 AM

Quant Time: Nov 15 06:49:10 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	7.65	168	366507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	574747	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	518741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	234992	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	225868	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
35) Dibromofluoromethane	7.57	113	177887	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
50) Toluene-d8	10.08	98	656792	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
62) 4-Bromofluorobenzene	12.40	95	232414	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	64092	17.356	ug/l	99
3) Chloromethane	2.04	50	86100	17.153	ug/l	99
4) Vinyl Chloride	2.17	62	85373	17.543	ug/l	100
5) Bromomethane	2.55	94	51703	18.462	ug/l	100
6) Chloroethane	2.68	64	51278	17.812	ug/l	97
7) Trichlorofluoromethane	3.00	101	110388	18.964	ug/l	100
8) Diethyl Ether	3.39	74	44584	18.850	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	68224	19.438	ug/l	99
10) Methyl Iodide	3.93	142	78064	17.969	ug/l	99
11) Tert butyl alcohol	4.76	59	90866	105.828	ug/l	100
12) 1,1-Dichloroethene	3.72	96	62389	18.248	ug/l	95
13) Acrolein	3.59	56	21309	48.136	ug/l	93
14) Allyl chloride	4.30	41	127837	18.203	ug/l	99
15) Acrylonitrile	4.96	53	225037	105.315	ug/l	99
16) Acetone	3.79	43	193109	82.425	ug/l	98
17) Carbon Disulfide	4.03	76	170902	16.103	ug/l	100
18) Methyl Acetate	4.30	43	121765	21.896	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	228193	19.386	ug/l	100
20) Methylene Chloride	4.53	84	77910	19.088	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	67419	18.371	ug/l	98
22) Diisopropyl ether	5.93	45	254365	19.175	ug/l	94
23) Vinyl Acetate	5.87	43	1053256	102.448	ug/l	99
24) 1,1-Dichloroethane	5.82	63	143355	19.349	ug/l	100
25) 2-Butanone	6.81	43	299508	96.999	ug/l	99
26) 2,2-Dichloropropane	6.80	77	120779	18.643	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	80730	18.961	ug/l	99
28) Bromochloromethane	7.18	49	41994	18.839	ug/l	100
29) Tetrahydrofuran	7.19	42	200335	102.110	ug/l	98
30) Chloroform	7.35	83	139859	19.678	ug/l	97
31) Cyclohexane	7.63	56	118883	16.949	ug/l #	94
32) 1,1,1-Trichloroethane	7.55	97	116416	19.482	ug/l	99
36) 1,1-Dichloropropene	7.77	75	97700	18.186	ug/l	100
37) Ethyl Acetate	6.90	43	121721	20.367	ug/l	98
38) Carbon Tetrachloride	7.75	117	100456	18.787	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	108192	17.353	ug/l	98
40) Benzene	8.02	78	306495	18.946	ug/l	99
41) Methacrylonitrile	7.15	41	47453m	18.260	ug/l	
42) 1,2-Dichloroethane	8.11	62	108998	19.645	ug/l	99
43) Isopropyl Acetate	8.15	43	183266	19.235	ug/l	99
44) Trichloroethene	8.82	130	74053	18.622	ug/l	98
45) 1,2-Dichloropropane	9.10	63	83776	19.065	ug/l	100
46) Dibromomethane	9.19	93	54312	19.835	ug/l	98
47) Bromodichloromethane	9.39	83	106860	19.544	ug/l	97
48) Methyl methacrylate	9.19	41	81715	19.174	ug/l	100
49) 1,4-Dioxane	9.19	88	32168	424.724	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	603703	111.981	ug/l	99
52) Toluene	10.15	92	181261	18.694	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	117955	18.673	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	126171	18.568	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	76899	19.596	ug/l	100
56) Ethyl methacrylate	10.42	69	109846	18.027	ug/l	99
57) 1,3-Dichloropropane	10.70	76	132160	19.568	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	106199	48.628	ug/l	98
59) 2-Hexanone	10.74	43	439887	106.306	ug/l	98
60) Dibromochloromethane	10.90	129	81992	19.762	ug/l	100
61) 1,2-Dibromoethane	11.00	107	78042	19.645	ug/l	99
64) Tetrachloroethene	10.63	164	65556	18.585	ug/l	97
65) Chlorobenzene	11.43	112	193314	19.117	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	75492	19.901	ug/l	99
67) Ethyl Benzene	11.51	91	340921	19.002	ug/l	99
68) m/p-Xylenes	11.62	106	250653	37.296	ug/l	99
69) o-Xylene	11.95	106	120607	18.570	ug/l	99
70) Styrene	11.96	104	190653	18.665	ug/l	100
71) Bromoform	12.13	173	58332	19.769	ug/l #	99
73) Isopropylbenzene	12.25	105	327477	19.158	ug/l	100
74) N-amyl acetate	12.07	43	136159	18.798	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	122403	21.027	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	106528m	19.912	ug/l	
77) Bromobenzene	12.53	156	81273	18.925	ug/l	100
78) n-propylbenzene	12.59	91	371389	18.976	ug/l	100
79) 2-Chlorotoluene	12.67	91	229179	18.876	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	274552	18.955	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	39392	19.448	ug/l	99
82) 4-Chlorotoluene	12.77	91	232734	19.112	ug/l	100
83) tert-Butylbenzene	12.99	119	234426	18.742	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	269846	19.256	ug/l	98
85) sec-Butylbenzene	13.17	105	308900	18.989	ug/l	100
86) p-Isopropyltoluene	13.29	119	274126	19.085	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	138922	18.890	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	136861	18.600	ug/l	99
89) n-Butylbenzene	13.62	91	220681	17.554	ug/l	99
90) Hexachloroethane	13.88	117	55868	19.370	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	141941	19.621	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	24100	20.767	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	68270	17.653	ug/l	99
94) Hexachlorobutadiene	15.01	225	47241	18.939	ug/l	99
95) Naphthalene	15.13	128	189120	17.630	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	73015	18.010	ug/l	99

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

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