

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN043019\
 Data File : VN055301.D
 Acq On : 30 Apr 2019 12:13
 Operator : JC/SP
 Sample : VN0430WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/1/2019 3:01:16 PM

Quant Time: May 01 08:53:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	369014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	607586	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	514156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	186864	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	241402	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
35) Dibromofluoromethane	7.59	113	195912	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
50) Toluene-d8	10.09	98	694581	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
62) 4-Bromofluorobenzene	12.40	95	218210	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	93964	20.783	ug/l	98
3) Chloromethane	2.06	50	110408	19.721	ug/l	98
4) Vinyl Chloride	2.19	62	87913	19.481	ug/l	98
5) Bromomethane	2.56	94	48149	20.143	ug/l	96
6) Chloroethane	2.70	64	46475	19.011	ug/l	94
7) Trichlorofluoromethane	3.02	101	126194	19.666	ug/l	98
8) Diethyl Ether	3.41	74	44979	20.035	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	75830	19.844	ug/l	97
10) Methyl Iodide	3.96	142	103709	19.285	ug/l #	94
11) Tert butyl alcohol	4.78	59	28747	104.009	ug/l #	89
12) 1,1-Dichloroethene	3.74	96	70997	19.477	ug/l	97
13) Acrolein	3.61	56	19609	90.845	ug/l	98
14) Allyl chloride	4.33	41	145488	19.271	ug/l	99
15) Acrylonitrile	4.99	53	161912	104.220	ug/l	99
16) Acetone	3.82	43	156171	103.823	ug/l	99
17) Carbon Disulfide	4.06	76	183374	19.276	ug/l	98
18) Methyl Acetate	4.32	43	84239	22.418	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	209783	20.471	ug/l	99
20) Methylene Chloride	4.55	84	88010	19.169	ug/l	96
21) trans-1,2-Dichloroethene	5.05	96	75302	19.505	ug/l	93
22) Diisopropyl ether	5.95	45	304110	20.273	ug/l	97
23) Vinyl Acetate	5.90	43	1012572	102.995	ug/l	100
24) 1,1-Dichloroethane	5.85	63	157905	19.757	ug/l	99
25) 2-Butanone	6.84	43	204691	106.406	ug/l	98
26) 2,2-Dichloropropane	6.82	77	107382	19.457	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	89693	20.430	ug/l	100
28) Bromochloromethane	7.20	49	82183	20.399	ug/l	97
29) Tetrahydrofuran	7.21	42	132014	107.173	ug/l	99
30) Chloroform	7.37	83	153051	20.201	ug/l	99
31) Cyclohexane	7.65	56	143827	18.941	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	122494	19.921	ug/l	99
36) 1,1-Dichloropropene	7.79	75	106911	18.370	ug/l	100
37) Ethyl Acetate	6.93	43	87774	19.679	ug/l	99
38) Carbon Tetrachloride	7.77	117	100310	17.868	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	113748	18.383	ug/l	98
40) Benzene	8.04	78	327198	19.072	ug/l	97
41) Methacrylonitrile	7.18	41	47217	20.010	ug/l	92
42) 1,2-Dichloroethane	8.12	62	118349	19.477	ug/l	99
43) Isopropyl Acetate	8.16	43	144052	20.096	ug/l #	88
44) Trichloroethene	8.84	130	82995	18.976	ug/l	97
45) 1,2-Dichloropropane	9.12	63	94003	18.998	ug/l	97
46) Dibromomethane	9.21	93	53448	19.761	ug/l	100
47) Bromodichloromethane	9.40	83	112160	19.330	ug/l	99
48) Methyl methacrylate	9.20	41	65693	18.643	ug/l	92
49) 1,4-Dioxane	9.20	88	16159	443.601	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	417016	103.332	ug/l	99
52) Toluene	10.16	92	192152	19.520	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	98743	19.603	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	121489	19.345	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	71961	19.686	ug/l	96
56) Ethyl methacrylate	10.43	69	88842	19.746	ug/l	99
57) 1,3-Dichloropropane	10.71	76	126755	19.767	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	132689	102.717	ug/l	99
59) 2-Hexanone	10.75	43	260687	103.239	ug/l	100
60) Dibromochloromethane	10.90	129	73759	19.743	ug/l	97
61) 1,2-Dibromoethane	11.00	107	68116	20.161	ug/l	100
64) Tetrachloroethene	10.63	164	78665	18.709	ug/l	93
65) Chlorobenzene	11.43	112	194888	19.387	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	74535	18.936	ug/l	98
67) Ethyl Benzene	11.51	91	357518	19.695	ug/l	98
68) m/p-Xylenes	11.62	106	255880	39.491	ug/l	99
69) o-Xylene	11.95	106	127078	19.787	ug/l	99
70) Styrene	11.96	104	206915	20.984	ug/l	99
71) Bromoform	12.13	173	44563	20.403	ug/l #	95
73) Isopropylbenzene	12.25	105	343711	21.302	ug/l	100
74) N-amyl acetate	12.07	43	97874	20.409	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	89051	22.290	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	69902m	18.541	ug/l	
77) Bromobenzene	12.53	156	80105	21.201	ug/l	99
78) n-propylbenzene	12.59	91	364756	19.003	ug/l	99
79) 2-Chlorotoluene	12.67	91	227884	20.956	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	274199	18.717	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	18153	18.410	ug/l #	83
82) 4-Chlorotoluene	12.77	91	212428	19.034	ug/l	100
83) tert-Butylbenzene	12.99	119	235871	21.063	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	256080	19.545	ug/l	100
85) sec-Butylbenzene	13.17	105	301768	18.952	ug/l	99
86) p-Isopropyltoluene	13.29	119	246921	18.868	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	122731	19.628	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	115484	19.612	ug/l	99
89) n-Butylbenzene	13.61	91	171836	18.478	ug/l	99
90) Hexachloroethane	13.87	117	44741	20.667	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	124519	20.092	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11023	22.422	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	34306	16.422	ug/l	100
94) Hexachlorobutadiene	15.01	225	44419	22.266	ug/l	99
95) Naphthalene	15.13	128	72684	16.391	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	36611	17.033	ug/l	98

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

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