

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041719\
 Data File : VN055096.D
 Acq On : 17 Apr 2019 10:53
 Operator : JC/SP
 Sample : VN0417WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/19/2019 12:21:23 PM

Quant Time: Apr 18 08:28:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	382357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	627067	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	545982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	215919	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	253192	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
35) Dibromofluoromethane	7.59	113	209298	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	10.09	98	764050	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
62) 4-Bromofluorobenzene	12.40	95	249462	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	86329	19.867	ug/l	97
3) Chloromethane	2.06	50	111010	19.587	ug/l	98
4) Vinyl Chloride	2.19	62	92742	19.468	ug/l	99
5) Bromomethane	2.56	94	53205	19.742	ug/l	98
6) Chloroethane	2.71	64	51613	20.091	ug/l	97
7) Trichlorofluoromethane	3.02	101	118759	19.934	ug/l	100
8) Diethyl Ether	3.41	74	37520	19.729	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.75	101	62144	19.932	ug/l	99
10) Methyl Iodide	3.94	142	88822	18.358	ug/l	100
11) Tert butyl alcohol	4.82	59	28660	102.876	ug/l #	87
12) 1,1-Dichloroethene	3.73	96	57762	19.033	ug/l	100
13) Acrolein	3.61	56	27042	78.530	ug/l	98
14) Allyl chloride	4.31	41	149852	20.173	ug/l	99
15) Acrylonitrile	5.00	53	166905	100.135	ug/l	99
16) Acetone	3.82	43	131591	95.392	ug/l	100
17) Carbon Disulfide	4.04	76	175004	17.864	ug/l	99
18) Methyl Acetate	4.33	43	82032	20.374	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	220756	20.335	ug/l	98
20) Methylene Chloride	4.54	84	93279	19.235	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	81014	19.738	ug/l	99
22) Diisopropyl ether	5.96	45	312778	20.482	ug/l	98
23) Vinyl Acetate	5.90	43	1049538	103.978	ug/l	98
24) 1,1-Dichloroethane	5.85	63	166291	20.449	ug/l	97
25) 2-Butanone	6.85	43	204600	99.376	ug/l	97
26) 2,2-Dichloropropane	6.82	77	109617	21.357	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	95042	20.467	ug/l	98
28) Bromochloromethane	7.19	49	76183	19.434	ug/l	96
29) Tetrahydrofuran	7.22	42	132837	98.388	ug/l	99
30) Chloroform	7.37	83	159423	20.183	ug/l	99
31) Cyclohexane	7.65	56	148858	19.954	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	125889	20.116	ug/l	99
36) 1,1-Dichloropropene	7.79	75	112781	19.079	ug/l	99
37) Ethyl Acetate	6.94	43	87335	18.148	ug/l	99
38) Carbon Tetrachloride	7.77	117	104667	18.611	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	124244	19.396	ug/l	99
40) Benzene	8.04	78	358461	20.120	ug/l	99
41) Methacrylonitrile	7.17	41	54008	20.217	ug/l	97
42) 1,2-Dichloroethane	8.12	62	123998	20.046	ug/l	100
43) Isopropyl Acetate	8.17	43	143189	19.310	ug/l	99
44) Trichloroethene	8.83	130	90341	20.245	ug/l	98
45) 1,2-Dichloropropane	9.12	63	103669	20.865	ug/l	96
46) Dibromomethane	9.21	93	59547	21.056	ug/l	97
47) Bromodichloromethane	9.40	83	115909	19.879	ug/l	99
48) Methyl methacrylate	9.20	41	72620	19.758	ug/l	96
49) 1,4-Dioxane	9.21	88	16232	471.384	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	420978	98.267	ug/l	99
52) Toluene	10.16	92	210512	20.631	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	101607	19.940	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	129018	20.401	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	79862	20.314	ug/l	98
56) Ethyl methacrylate	10.43	69	93268	19.768	ug/l	99
57) 1,3-Dichloropropane	10.71	76	134751	20.132	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	173936	91.067	ug/l	100
59) 2-Hexanone	10.75	43	261468	97.172	ug/l	98
60) Dibromochloromethane	10.90	129	79004	20.580	ug/l	99
61) 1,2-Dibromoethane	11.00	107	71489	19.757	ug/l	100
64) Tetrachloroethene	10.63	164	83292	18.761	ug/l	94
65) Chlorobenzene	11.43	112	219312	19.955	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	81805	20.238	ug/l	99
67) Ethyl Benzene	11.51	91	391972	19.972	ug/l	99
68) m/p-Xylenes	11.62	106	291149	40.967	ug/l	99
69) o-Xylene	11.95	106	140795	20.454	ug/l	99
70) Styrene	11.96	104	230668	20.702	ug/l	99
71) Bromoform	12.13	173	47001	20.286	ug/l #	98
73) Isopropylbenzene	12.25	105	374816	19.562	ug/l	100
74) N-amyl acetate	12.07	43	108297	20.079	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	96650	18.852	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	83160m	21.418	ug/l	
77) Bromobenzene	12.52	156	90496	18.945	ug/l	98
78) n-propylbenzene	12.59	91	411652	19.886	ug/l	100
79) 2-Chlorotoluene	12.67	91	255433	19.783	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	307901	19.913	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	18548	19.103	ug/l	93
82) 4-Chlorotoluene	12.77	91	239998	19.923	ug/l	100
83) tert-Butylbenzene	12.99	119	262557	20.107	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	297707	20.317	ug/l	99
85) sec-Butylbenzene	13.17	105	336626	20.231	ug/l	99
86) p-Isopropyltoluene	13.29	119	288991	20.244	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	146860	20.227	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	138722	20.036	ug/l	99
89) n-Butylbenzene	13.61	91	216201	20.402	ug/l	99
90) Hexachloroethane	13.87	117	45908	19.765	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	146910	20.111	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11886	18.827	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	53307	17.913	ug/l	99
94) Hexachlorobutadiene	15.01	225	49458	21.920	ug/l	96
95) Naphthalene	15.13	128	112222	16.674	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	54772	19.436	ug/l	97

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

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