

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042319\
 Data File : VN055195.D
 Acq On : 23 Apr 2019 10:33
 Operator : JC/SP
 Sample : VN0423WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0423WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/24/2019 12:45:01 PM

Quant Time: Apr 23 15:39:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	447006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	699018	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	624402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	242852	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	297648	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
35) Dibromofluoromethane	7.59	113	239017	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
50) Toluene-d8	10.09	98	884152	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
62) 4-Bromofluorobenzene	12.40	95	282520	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	127132	22.089	ug/l	98
3) Chloromethane	2.06	50	152104	21.568	ug/l	99
4) Vinyl Chloride	2.19	62	116407	20.599	ug/l	97
5) Bromomethane	2.56	94	64439	19.663	ug/l	100
6) Chloroethane	2.70	64	62151	20.867	ug/l	99
7) Trichlorofluoromethane	3.02	101	164146	21.345	ug/l	98
8) Diethyl Ether	3.41	74	58584	21.343	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	99201	20.672	ug/l	100
10) Methyl Iodide	3.95	142	144207	21.429	ug/l	98
11) Tert butyl alcohol	4.79	59	35914	101.674	ug/l #	85
12) 1,1-Dichloroethene	3.74	96	94163	20.475	ug/l	98
13) Acrolein	3.61	56	46445	93.887	ug/l	99
14) Allyl chloride	4.33	41	187914	20.669	ug/l	99
15) Acrylonitrile	4.99	53	204769	105.704	ug/l	99
16) Acetone	3.82	43	202514	101.250	ug/l	99
17) Carbon Disulfide	4.06	76	265023	20.613	ug/l	100
18) Methyl Acetate	4.33	43	91209	20.558	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	268340	21.104	ug/l	98
20) Methylene Chloride	4.55	84	114053	19.835	ug/l	95
21) trans-1,2-Dichloroethene	5.04	96	100484	20.836	ug/l	98
22) Diisopropyl ether	5.95	45	380009	20.969	ug/l	99
23) Vinyl Acetate	5.90	43	1329171	109.144	ug/l	100
24) 1,1-Dichloroethane	5.85	63	199522	20.469	ug/l	99
25) 2-Butanone	6.83	43	262214	101.545	ug/l	99
26) 2,2-Dichloropropane	6.83	77	138761	21.036	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	117224	21.087	ug/l	98
28) Bromochloromethane	7.19	49	102486	20.626	ug/l	98
29) Tetrahydrofuran	7.21	42	167108	105.253	ug/l	100
30) Chloroform	7.37	83	189732	20.462	ug/l	100
31) Cyclohexane	7.65	56	196152	20.732	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	155773	20.911	ug/l	100
36) 1,1-Dichloropropene	7.79	75	142578	21.976	ug/l	99
37) Ethyl Acetate	6.93	43	110514	21.106	ug/l	98
38) Carbon Tetrachloride	7.77	117	131457	21.637	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	162139	20.948	ug/l	99
40) Benzene	8.04	78	436828	21.811	ug/l	99
41) Methacrylonitrile	7.18	41	61520	22.411	ug/l	98
42) 1,2-Dichloroethane	8.13	62	150543	21.546	ug/l	99
43) Isopropyl Acetate	8.16	43	187033	22.059	ug/l	99
44) Trichloroethene	8.84	130	107318	21.200	ug/l	96
45) 1,2-Dichloropropane	9.12	63	119288	21.100	ug/l	99
46) Dibromomethane	9.21	93	69418	21.450	ug/l	98
47) Bromodichloromethane	9.40	83	142070	21.929	ug/l	98
48) Methyl methacrylate	9.20	41	87528	21.282	ug/l	98
49) 1,4-Dioxane	9.20	88	20060	422.346	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	523452	107.287	ug/l	100
52) Toluene	10.16	92	251275	21.401	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	129914	21.850	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	160433	21.744	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	92728	21.422	ug/l	98
56) Ethyl methacrylate	10.43	69	115523	21.424	ug/l	99
57) 1,3-Dichloropropane	10.71	76	161846	21.490	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	172367	90.495	ug/l	99
59) 2-Hexanone	10.75	43	331678	107.625	ug/l	100
60) Dibromochloromethane	10.90	129	96296	21.598	ug/l	96
61) 1,2-Dibromoethane	11.00	107	89266	21.934	ug/l	99
64) Tetrachloroethene	10.63	164	103128	20.246	ug/l	98
65) Chlorobenzene	11.43	112	253853	19.918	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	94567	20.020	ug/l	100
67) Ethyl Benzene	11.51	91	469045	20.661	ug/l	99
68) m/p-Xylenes	11.62	106	337969	41.507	ug/l	100
69) o-Xylene	11.95	106	166430	20.596	ug/l	98
70) Styrene	11.96	104	266113	21.246	ug/l	99
71) Bromoform	12.13	173	58781	20.853	ug/l #	99
73) Isopropylbenzene	12.25	105	442616	21.392	ug/l	100
74) N-amyl acetate	12.07	43	127326	20.336	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	115388	21.996	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	90125m	18.293	ug/l	
77) Bromobenzene	12.53	156	104362	19.466	ug/l	100
78) n-propylbenzene	12.59	91	484934	19.911	ug/l	99
79) 2-Chlorotoluene	12.67	91	301485	19.604	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	364907	20.072	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	24874	19.139	ug/l	96
82) 4-Chlorotoluene	12.77	91	279646	19.764	ug/l	98
83) tert-Butylbenzene	12.99	119	315267	21.840	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	349921	20.396	ug/l	100
85) sec-Butylbenzene	13.17	105	397223	19.313	ug/l	99
86) p-Isopropyltoluene	13.29	119	345263	20.376	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	167251	20.322	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	158541	19.786	ug/l	99
89) n-Butylbenzene	13.61	91	252534	20.107	ug/l	99
90) Hexachloroethane	13.87	117	57531	19.144	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	167777	19.847	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	14753	20.006	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	56456	17.680	ug/l	99
94) Hexachlorobutadiene	15.01	225	57488	22.066	ug/l	99
95) Naphthalene	15.13	128	119839	17.700	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	60989	18.588	ug/l	99

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

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