

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022219\
 Data File : VN053906.D
 Acq On : 22 Feb 2019 10:52
 Operator : JC/SP
 Sample : VN0222WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/25/2019 10:42:18 AM

Quant Time: Feb 22 22:28:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 21 03:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	694766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1013445	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	876349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	418195	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	333472	46.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.94%	
35) Dibromofluoromethane	7.59	113	324034	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
50) Toluene-d8	10.09	98	1218323	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.40	95	397018	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	116633	19.322	ug/l	99
3) Chloromethane	2.06	50	150540	20.061	ug/l	99
4) Vinyl Chloride	2.19	62	159708	19.826	ug/l	100
5) Bromomethane	2.57	94	124258	21.064	ug/l	100
6) Chloroethane	2.71	64	104627	20.097	ug/l	99
7) Trichlorofluoromethane	3.02	101	231856	20.269	ug/l	98
8) Diethyl Ether	3.41	74	80364	19.985	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	144867	21.014	ug/l	99
10) Methyl Iodide	3.95	142	200095	19.573	ug/l	99
11) Tert butyl alcohol	4.77	59	42104	94.989	ug/l #	92
12) 1,1-Dichloroethene	3.74	96	133021	20.632	ug/l	100
13) Acrolein	3.61	56	36634	115.633	ug/l	97
14) Allyl chloride	4.33	41	205632	21.074	ug/l	99
15) Acrylonitrile	4.99	53	230622	103.281	ug/l	99
16) Acetone	3.82	43	195077	99.898	ug/l	99
17) Carbon Disulfide	4.06	76	402634	20.163	ug/l	99
18) Methyl Acetate	4.33	43	91824	19.924	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	343197	20.980	ug/l	99
20) Methylene Chloride	4.55	84	151439	20.714	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	141759	20.949	ug/l	98
22) Diisopropyl ether	5.95	45	372039	20.453	ug/l	97
23) Vinyl Acetate	5.90	43	1344886	102.847	ug/l	100
24) 1,1-Dichloroethane	5.85	63	251362	20.410	ug/l	100
25) 2-Butanone	6.83	43	231179	91.745	ug/l	97
26) 2,2-Dichloropropane	6.82	77	186245	19.929	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	149067	19.664	ug/l	99
28) Bromochloromethane	7.20	49	102328	19.038	ug/l	98
29) Tetrahydrofuran	7.21	42	149221	91.569	ug/l	98
30) Chloroform	7.37	83	236867	19.141	ug/l	97
31) Cyclohexane	7.65	56	221663	19.326	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	203046	19.178	ug/l	99
36) 1,1-Dichloropropene	7.79	75	180420	19.422	ug/l	99
37) Ethyl Acetate	6.92	43	104600	18.844	ug/l	99
38) Carbon Tetrachloride	7.78	117	187125	20.176	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	219800	20.534	ug/l	99
40) Benzene	8.04	78	549690	20.016	ug/l	99
41) Methacrylonitrile	7.19	41	61802m	20.124	ug/l	
42) 1,2-Dichloroethane	8.12	62	159509	19.483	ug/l	99
43) Isopropyl Acetate	8.17	43	179037	18.069	ug/l	98
44) Trichloroethene	8.83	130	157813	20.528	ug/l	99
45) 1,2-Dichloropropane	9.12	63	141137	20.130	ug/l	100
46) Dibromomethane	9.21	93	84987	20.132	ug/l	99
47) Bromodichloromethane	9.40	83	181039	20.328	ug/l	99
48) Methyl methacrylate	9.20	41	81827	19.261	ug/l	91
49) 1,4-Dioxane	9.20	88	25479	384.302	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	459715	94.467	ug/l	100
52) Toluene	10.16	92	338116	20.776	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	174638	20.195	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	208917	20.497	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	121759	20.467	ug/l	98
56) Ethyl methacrylate	10.43	69	133857	19.097	ug/l	99
57) 1,3-Dichloropropane	10.71	76	201912	20.157	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	289261	92.775	ug/l	99
59) 2-Hexanone	10.75	43	297102	95.571	ug/l	99
60) Dibromochloromethane	10.90	129	138951	20.010	ug/l	98
61) 1,2-Dibromoethane	11.00	107	114753	19.415	ug/l	99
64) Tetrachloroethene	10.63	164	164125	20.944	ug/l	98
65) Chlorobenzene	11.43	112	372806	20.324	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	137899	20.601	ug/l	99
67) Ethyl Benzene	11.51	91	607419	20.461	ug/l	100
68) m/p-Xylenes	11.62	106	490968	42.713	ug/l	98
69) o-Xylene	11.95	106	232837	21.041	ug/l	99
70) Styrene	11.96	104	371505	21.394	ug/l	99
71) Bromoform	12.13	173	93716	19.728	ug/l #	100
73) Isopropylbenzene	12.25	105	616633	20.930	ug/l	99
74) N-amyl acetate	12.07	43	126986	18.770	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	135435	19.444	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	120253m	19.588	ug/l	
77) Bromobenzene	12.53	156	162631	20.578	ug/l	99
78) n-propylbenzene	12.59	91	703853	21.364	ug/l	100
79) 2-Chlorotoluene	12.67	91	416539	20.969	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	535311	21.890	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	34977	18.809	ug/l	97
82) 4-Chlorotoluene	12.77	91	417921	21.118	ug/l	99
83) tert-Butylbenzene	12.99	119	467742	21.301	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	532588	21.714	ug/l	99
85) sec-Butylbenzene	13.17	105	631204	21.349	ug/l	100
86) p-Isopropyltoluene	13.29	119	558781	21.777	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	286697	20.789	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	280942	20.246	ug/l	100
89) n-Butylbenzene	13.61	91	448938	21.276	ug/l	99
90) Hexachloroethane	13.87	117	95462	19.474	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	274454	20.284	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	19989	19.667	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	139530	18.953	ug/l	100
94) Hexachlorobutadiene	15.01	225	112174	19.880	ug/l	99
95) Naphthalene	15.13	128	247676	18.162	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	135801	19.131	ug/l	99

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

