

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111418\
 Data File : VN052312.D
 Acq On : 14 Nov 2018 14:55
 Operator : MD\SY
 Sample : VN1114WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/20/2018 2:53:45 PM

Quant Time: Nov 15 03:36:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	284123	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	476159	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	424159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	184420	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	188585	47.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.00%	
35) Dibromofluoromethane	7.59	113	148404	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
50) Toluene-d8	10.09	98	580503	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
62) 4-Bromofluorobenzene	12.40	95	186274	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	61539	20.440	ug/l	97
3) Chloromethane	2.06	50	81770	19.543	ug/l	98
4) Vinyl Chloride	2.19	62	70919	19.609	ug/l	97
5) Bromomethane	2.57	94	42881	19.018	ug/l	93
6) Chloroethane	2.71	64	38290	18.725	ug/l	99
7) Trichlorofluoromethane	3.02	101	99966	19.974	ug/l	96
8) Diethyl Ether	3.41	74	35733	18.733	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.77	101	62981	19.927	ug/l	98
10) Methyl Iodide	3.96	142	75421	17.773	ug/l	100
11) Tert butyl alcohol	4.78	59	20067	94.690	ug/l #	89
12) 1,1-Dichloroethene	3.74	96	54743	18.717	ug/l	92
13) Acrolein	3.61	56	29894	107.148	ug/l	98
14) Allyl chloride	4.33	41	109986	18.314	ug/l	98
15) Acrylonitrile	4.99	53	116953	96.646	ug/l	98
16) Acetone	3.82	43	106944	96.792	ug/l	100
17) Carbon Disulfide	4.06	76	158251	18.869	ug/l	97
18) Methyl Acetate	4.33	43	58839	19.272	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	160609	19.109	ug/l	99
20) Methylene Chloride	4.56	84	70616	20.596	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	58152	18.467	ug/l	95
22) Diisopropyl ether	5.95	45	236489	19.299	ug/l	99
23) Vinyl Acetate	5.90	43	811920	97.676	ug/l	100
24) 1,1-Dichloroethane	5.85	63	121578	18.503	ug/l	99
25) 2-Butanone	6.84	43	152694	98.183	ug/l	99
26) 2,2-Dichloropropane	6.83	77	90516	18.735	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	68166	18.595	ug/l	97
28) Bromochloromethane	7.19	49	63358	18.754	ug/l	98
29) Tetrahydrofuran	7.21	42	96189	94.150	ug/l	99
30) Chloroform	7.37	83	117206	18.718	ug/l	93
31) Cyclohexane	7.65	56	124126	19.704	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	97611	18.299	ug/l	98
36) 1,1-Dichloropropene	7.79	75	91429	19.157	ug/l	98
37) Ethyl Acetate	6.93	43	66083	19.079	ug/l #	97
38) Carbon Tetrachloride	7.77	117	86357	19.695	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	110840	20.344	ug/l	99
40) Benzene	8.04	78	264307	19.386	ug/l	99
41) Methacrylonitrile	7.17	41	33460	19.804	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	93787	19.290	ug/l	98
43) Isopropyl Acetate	8.16	43	121261	18.143	ug/l	97
44) Trichloroethene	8.84	130	67213	20.013	ug/l	95
45) 1,2-Dichloropropane	9.12	63	74221	19.182	ug/l	99
46) Dibromomethane	9.21	93	43015	19.204	ug/l	98
47) Bromodichloromethane	9.40	83	86124	18.737	ug/l	99
48) Methyl methacrylate	9.20	41	64087	18.897	ug/l	97
49) 1,4-Dioxane	9.20	88	11116	426.977	ug/l	94
51) 4-Methyl-2-Pentanone	9.98	43	331655	98.579	ug/l	99
52) Toluene	10.16	92	161404	19.789	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	87285	18.828	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	102458	19.387	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	56449	19.092	ug/l	98
56) Ethyl methacrylate	10.43	69	76343	19.633	ug/l	98
57) 1,3-Dichloropropane	10.71	76	103947	19.848	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	218245	98.584	ug/l	100
59) 2-Hexanone	10.75	43	225121	97.282	ug/l	99
60) Dibromochloromethane	10.90	129	59211	18.509	ug/l	97
61) 1,2-Dibromoethane	11.00	107	56645	19.233	ug/l	98
64) Tetrachloroethene	10.63	164	57469	19.058	ug/l	97
65) Chlorobenzene	11.43	112	171050	19.078	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	60034	19.636	ug/l	99
67) Ethyl Benzene	11.51	91	307154	19.739	ug/l	99
68) m/p-Xylenes	11.62	106	228130	40.124	ug/l	99
69) o-Xylene	11.95	106	109442	20.081	ug/l	99
70) Styrene	11.96	104	172594	19.778	ug/l	98
71) Bromoform	12.12	173	32954	18.256	ug/l #	98
73) Isopropylbenzene	12.25	105	295956	19.960	ug/l	99
74) N-amyl acetate	12.07	43	101420	19.204	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	68127	19.007	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	61291m	19.586	ug/l	
77) Bromobenzene	12.52	156	67715	19.628	ug/l	98
78) n-propylbenzene	12.59	91	347996	20.068	ug/l	99
79) 2-Chlorotoluene	12.67	91	202995	20.039	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	241913	20.516	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	17138	17.763	ug/l	91
82) 4-Chlorotoluene	12.77	91	200076	19.278	ug/l	100
83) tert-Butylbenzene	12.99	119	208971	20.074	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	236952	20.018	ug/l	98
85) sec-Butylbenzene	13.17	105	289834	20.439	ug/l	99
86) p-Isopropyltoluene	13.29	119	242203	20.163	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	119389	19.485	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	119008	19.537	ug/l	99
89) n-Butylbenzene	13.61	91	213182	20.664	ug/l	99
90) Hexachloroethane	13.87	117	39530	18.580	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	113996	19.204	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	10089	19.088	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	50484	19.710	ug/l	97
94) Hexachlorobutadiene	15.01	225	28115	20.693	ug/l	98
95) Naphthalene	15.13	128	113349	19.063	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	45206	20.041	ug/l	99

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

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