

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100918\
 Data File : VN051756.D
 Acq On : 9 Oct 2018 18:32
 Operator : MD\SY
 Sample : VN1009WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/10/2018 10:09:41 AM

Quant Time: Oct 10 04:19:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 06:03:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	584414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	878336	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	819514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	429902	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	380685	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
35) Dibromofluoromethane	7.59	113	344580	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
50) Toluene-d8	10.09	98	1296496	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
62) 4-Bromofluorobenzene	12.40	95	430774	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	138314	19.638	ug/l	98
3) Chloromethane	2.06	50	126153	18.915	ug/l	99
4) Vinyl Chloride	2.18	62	194173	18.482	ug/l	100
5) Bromomethane	2.56	94	164767	20.394	ug/l	99
6) Chloroethane	2.70	64	136121	19.278	ug/l	96
7) Trichlorofluoromethane	3.01	101	241765	21.329	ug/l	100
8) Diethyl Ether	3.42	74	61727	20.162	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	114563	19.619	ug/l	94
10) Methyl Iodide	3.95	142	141579	19.818	ug/l	100
11) Tert butyl alcohol	4.80	59	55106	105.026	ug/l	100
12) 1,1-Dichloroethene	3.74	96	108190	19.879	ug/l	95
13) Acrolein	3.61	56	24816	65.718	ug/l	98
14) Allyl chloride	4.32	41	143957	17.342	ug/l	97
15) Acrylonitrile	5.00	53	177839	98.222	ug/l	99
16) Acetone	3.82	43	133208	91.024	ug/l	100
17) Carbon Disulfide	4.05	76	275530	16.655	ug/l	100
18) Methyl Acetate	4.33	43	94809	22.249	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	345883	19.254	ug/l	99
20) Methylene Chloride	4.55	84	119917	18.879	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	118063	18.306	ug/l	93
22) Diisopropyl ether	5.96	45	319712	17.968	ug/l	95
23) Vinyl Acetate	5.90	43	1174250	89.751	ug/l	98
24) 1,1-Dichloroethane	5.85	63	207442	18.127	ug/l	98
25) 2-Butanone	6.84	43	208060	93.327	ug/l	97
26) 2,2-Dichloropropane	6.83	77	190622	16.622	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	141768	18.936	ug/l	95
28) Bromochloromethane	7.20	49	97947	19.333	ug/l	92
29) Tetrahydrofuran	7.22	42	138901	101.529	ug/l	97
30) Chloroform	7.38	83	241953	18.818	ug/l	98
31) Cyclohexane	7.66	56	179940	17.169	ug/l	90
32) 1,1,1-Trichloroethane	7.57	97	229282	18.397	ug/l	98
36) 1,1-Dichloropropene	7.80	75	167540	18.249	ug/l	98
37) Ethyl Acetate	6.93	43	101340	21.164	ug/l	99
38) Carbon Tetrachloride	7.78	117	203449	18.468	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	209668	18.193	ug/l	97
40) Benzene	8.04	78	515501	18.941	ug/l	99
41) Methacrylonitrile	7.18	41	52630	21.160	ug/l	91
42) 1,2-Dichloroethane	8.13	62	176716	19.267	ug/l	99
43) Isopropyl Acetate	8.17	43	196948	19.728	ug/l	99
44) Trichloroethene	8.84	130	151862	19.651	ug/l	99
45) 1,2-Dichloropropane	9.12	63	125281	18.618	ug/l	100
46) Dibromomethane	9.21	93	92772	19.835	ug/l	99
47) Bromodichloromethane	9.40	83	194093	18.851	ug/l	99
48) Methyl methacrylate	9.20	41	88980	19.506	ug/l	98
49) 1,4-Dioxane	9.20	88	28889	422.344	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	519698	102.733	ug/l	100
52) Toluene	10.16	92	351948	19.443	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	186151	17.521	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	199520	17.685	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	128282	19.894	ug/l	97
56) Ethyl methacrylate	10.43	69	159330	19.538	ug/l	99
57) 1,3-Dichloropropane	10.71	76	202469	19.838	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	323499	95.853	ug/l	98
59) 2-Hexanone	10.75	43	338983	98.670	ug/l	99
60) Dibromochloromethane	10.90	129	157337	18.645	ug/l	100
61) 1,2-Dibromoethane	11.01	107	132239	19.399	ug/l	98
64) Tetrachloroethene	10.63	164	147544	20.407	ug/l	95
65) Chlorobenzene	11.44	112	395504	19.486	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	157682	19.403	ug/l	100
67) Ethyl Benzene	11.51	91	669611	19.087	ug/l	98
68) m/p-Xylenes	11.62	106	543076	38.690	ug/l	98
69) o-Xylene	11.95	106	267041	19.399	ug/l	99
70) Styrene	11.97	104	409807	18.683	ug/l	100
71) Bromoform	12.13	173	104889	17.352	ug/l #	98
73) Isopropylbenzene	12.25	105	721126	19.678	ug/l	99
74) N-amyl acetate	12.07	43	153913	18.236	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	161817	20.489	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	131519m	22.352	ug/l	
77) Bromobenzene	12.53	156	173318	19.342	ug/l	97
78) n-propylbenzene	12.59	91	761809	19.059	ug/l	100
79) 2-Chlorotoluene	12.68	91	448743	19.049	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	595300	19.276	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	39888	17.056	ug/l	96
82) 4-Chlorotoluene	12.77	91	448506	18.952	ug/l	100
83) tert-Butylbenzene	12.99	119	550194	19.882	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	600593	19.415	ug/l	99
85) sec-Butylbenzene	13.17	105	710788	19.418	ug/l	100
86) p-Isopropyltoluene	13.29	119	630804	19.439	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	306495	19.630	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	295093	19.201	ug/l	99
89) n-Butylbenzene	13.62	91	471978	18.395	ug/l	99
90) Hexachloroethane	13.88	117	115312	17.810	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	305338	19.672	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	24925	19.362	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	121203	17.548	ug/l	98
94) Hexachlorobutadiene	15.01	225	89194	19.033	ug/l	97
95) Naphthalene	15.13	128	267312	17.922	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	130493	19.184	ug/l	98

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

