

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102518\
 Data File : VN052001.D
 Acq On : 25 Oct 2018 10:27
 Operator : MD\SY
 Sample : VN1025WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1025WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/26/2018 9:19:33 AM

Quant Time: Oct 26 01:36:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 10:12:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1200871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1703206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1577482	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	779218	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	502091	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	
35) Dibromofluoromethane	7.59	113	521919	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
50) Toluene-d8	10.09	98	1907722	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
62) 4-Bromofluorobenzene	12.40	95	636108	47.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	138521	18.177	ug/l	99
3) Chloromethane	2.06	50	124223	18.104	ug/l	95
4) Vinyl Chloride	2.19	62	154667	16.817	ug/l	100
5) Bromomethane	2.57	94	166437	18.901	ug/l	98
6) Chloroethane	2.71	64	114101	16.710	ug/l	100
7) Trichlorofluoromethane	3.02	101	290509	17.727	ug/l	98
8) Diethyl Ether	3.41	74	91925	18.867	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	186152	18.962	ug/l	98
10) Methyl Iodide	3.96	142	279829	19.266	ug/l	99
11) Tert butyl alcohol	4.77	59	45842	82.822	ug/l	97
12) 1,1-Dichloroethene	3.74	96	163090	18.550	ug/l	95
13) Acrolein	3.61	56	22511	97.395	ug/l	98
14) Allyl chloride	4.33	41	162225	17.438	ug/l	98
15) Acrylonitrile	4.99	53	217724	93.182	ug/l	98
16) Acetone	3.82	43	154009	87.400	ug/l	96
17) Carbon Disulfide	4.06	76	367297	17.575	ug/l	98
18) Methyl Acetate	4.33	43	106992	18.542	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	434892	18.424	ug/l	99
20) Methylene Chloride	4.55	84	185578	17.953	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	184222	18.502	ug/l	97
22) Diisopropyl ether	5.95	45	392697	18.450	ug/l	99
23) Vinyl Acetate	5.90	43	1334603	92.175	ug/l	100
24) 1,1-Dichloroethane	5.85	63	284240	18.292	ug/l	98
25) 2-Butanone	6.84	43	242194	96.413	ug/l	97
26) 2,2-Dichloropropane	6.83	77	266728	18.761	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	216190	18.587	ug/l	100
28) Bromochloromethane	7.20	49	116737	18.640	ug/l	95
29) Tetrahydrofuran	7.21	42	148992	87.540	ug/l	97
30) Chloroform	7.37	83	347220	18.299	ug/l	100
31) Cyclohexane	7.66	56	246853	18.110	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	313221	18.052	ug/l	99
36) 1,1-Dichloropropene	7.80	75	248092	18.989	ug/l	99
37) Ethyl Acetate	6.93	43	110587	17.706	ug/l	95
38) Carbon Tetrachloride	7.78	117	279964	18.666	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	310695	19.470	ug/l	99
40) Benzene	8.04	78	744075	19.181	ug/l	100
41) Methacrylonitrile	7.18	41	52850	18.001	ug/l #	91
42) 1,2-Dichloroethane	8.13	62	228387	18.362	ug/l	100
43) Isopropyl Acetate	8.16	43	204336	18.675	ug/l	97
44) Trichloroethene	8.84	130	243015	19.517	ug/l	94
45) 1,2-Dichloropropane	9.12	63	168451	19.196	ug/l	98
46) Dibromomethane	9.21	93	135225	19.116	ug/l	98
47) Bromodichloromethane	9.40	83	244829	18.326	ug/l	98
48) Methyl methacrylate	9.20	41	97372	18.411	ug/l	99
49) 1,4-Dioxane	9.20	88	32720	337.405	ug/l	92
51) 4-Methyl-2-Pentanone	9.98	43	559028	92.883	ug/l	100
52) Toluene	10.16	92	506730	19.264	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	234439	18.000	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	268331	19.217	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	179850	18.505	ug/l	97
56) Ethyl methacrylate	10.43	69	199124	19.059	ug/l	99
57) 1,3-Dichloropropane	10.71	76	279753	18.960	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	522169	95.521	ug/l	100
59) 2-Hexanone	10.75	43	381507	94.342	ug/l	100
60) Dibromochloromethane	10.90	129	202615	17.673	ug/l	98
61) 1,2-Dibromoethane	11.00	107	190748	18.614	ug/l	100
64) Tetrachloroethene	10.63	164	234538	19.371	ug/l	95
65) Chlorobenzene	11.43	112	617923	19.401	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	221832	19.377	ug/l	99
67) Ethyl Benzene	11.51	91	970137	18.949	ug/l	98
68) m/p-Xylenes	11.62	106	804679	39.339	ug/l	99
69) o-Xylene	11.95	106	378731	19.038	ug/l	99
70) Styrene	11.96	104	613829	19.305	ug/l	99
71) Bromoform	12.13	173	120512	16.843	ug/l #	100
73) Isopropylbenzene	12.25	105	1033791	20.919	ug/l	99
74) N-amyl acetate	12.07	43	180951	18.603	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	191714	18.775	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	159523m	19.819	ug/l	
77) Bromobenzene	12.53	156	282648	20.724	ug/l	98
78) n-propylbenzene	12.59	91	1121934	21.046	ug/l	100
79) 2-Chlorotoluene	12.67	91	638672	20.573	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	839786	21.181	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	41052	17.651	ug/l	90
82) 4-Chlorotoluene	12.77	91	664998	20.689	ug/l	100
83) tert-Butylbenzene	12.99	119	779822	20.796	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	850876	20.805	ug/l	98
85) sec-Butylbenzene	13.17	105	1023756	20.903	ug/l	100
86) p-Isopropyltoluene	13.29	119	906610	20.561	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	490523	19.501	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	483670	19.504	ug/l	98
89) n-Butylbenzene	13.61	91	694752	19.787	ug/l	99
90) Hexachloroethane	13.87	117	127300	19.379	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	457880	18.816	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21649	13.808	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	165930	11.543	ug/l	98
94) Hexachlorobutadiene	15.01	225	109184	14.783	ug/l	98
95) Naphthalene	15.13	128	315209	10.097	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	132779	9.664	ug/l	98

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

