

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
 Data File : VN050260.D
 Acq On : 2 Aug 2018 13:39
 Operator : MD\SY
 Sample : VN0802WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/3/2018 9:36:10 AM

Quant Time: Aug 02 15:37:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	548228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	846161	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	794687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	386680	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	423195	55.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.66%	
35) Dibromofluoromethane	7.59	113	366223	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
50) Toluene-d8	10.09	98	1299042	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
62) 4-Bromofluorobenzene	12.40	95	429194	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	148533	18.856	ug/l	99
3) Chloromethane	2.06	50	152122	17.766	ug/l	100
4) Vinyl Chloride	2.18	62	163306	18.111	ug/l	98
5) Bromomethane	2.56	94	65051	12.234	ug/l	96
6) Chloroethane	2.70	64	100050	18.476	ug/l	99
7) Trichlorofluoromethane	3.01	101	219194	18.765	ug/l	97
8) Diethyl Ether	3.41	74	90716	23.295	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	137325	19.550	ug/l	98
10) Methyl Iodide	3.95	142	72110	7.998	ug/l	98
11) Tert butyl alcohol	4.80	59	79130	140.599	ug/l	98
12) 1,1-Dichloroethene	3.73	96	122221	19.343	ug/l	98
13) Acrolein	3.61	56	73114	161.691	ug/l	96
14) Allyl chloride	4.32	41	208784	21.309	ug/l	97
15) Acrylonitrile	5.00	53	307770	125.342	ug/l	99
16) Acetone	3.82	43	245894	134.470	ug/l	99
17) Carbon Disulfide	4.05	76	318557	16.457	ug/l	99
18) Methyl Acetate	4.33	43	222541	31.141	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	414081	24.591	ug/l	99
20) Methylene Chloride	4.55	84	157252	22.497	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	131228	19.600	ug/l	98
22) Diisopropyl ether	5.96	45	475310	24.466	ug/l	99
23) Vinyl Acetate	5.90	43	1580682	115.136	ug/l	100
24) 1,1-Dichloroethane	5.85	63	271086	21.339	ug/l	100
25) 2-Butanone	6.84	43	381066	130.611	ug/l	98
26) 2,2-Dichloropropane	6.83	77	207166	21.436	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	159700	22.158	ug/l	99
28) Bromochloromethane	7.20	49	128170	22.120	ug/l	100
29) Tetrahydrofuran	7.22	42	246369	130.679	ug/l	99
30) Chloroform	7.37	83	283633	21.879	ug/l	98
31) Cyclohexane	7.65	56	199409	18.885	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	224484	20.244	ug/l	100
36) 1,1-Dichloropropene	7.80	75	183532	19.252	ug/l	99
37) Ethyl Acetate	6.94	43	159831	24.047	ug/l	99
38) Carbon Tetrachloride	7.78	117	189625	18.746	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	177273	18.076	ug/l	95
40) Benzene	8.04	78	604272	20.830	ug/l	98
41) Methacrylonitrile	7.18	41	80354	24.684	ug/l	86
42) 1,2-Dichloroethane	8.13	62	208773	21.572	ug/l	98
43) Isopropyl Acetate	8.17	43	305975	23.832	ug/l	98
44) Trichloroethene	8.84	130	151789	19.473	ug/l	99
45) 1,2-Dichloropropane	9.12	63	170785	22.227	ug/l	96
46) Dibromomethane	9.21	93	106421	22.306	ug/l	99
47) Bromodichloromethane	9.41	83	214706	21.322	ug/l	99
48) Methyl methacrylate	9.20	41	138202	24.143	ug/l	99
49) 1,4-Dioxane	9.21	88	41126	527.929	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	835453	127.864	ug/l	100
52) Toluene	10.16	92	367109	21.439	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	212482	22.362	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	240113	22.111	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	155456	22.888	ug/l	98
56) Ethyl methacrylate	10.43	69	194084	22.268	ug/l	100
57) 1,3-Dichloropropane	10.71	76	253676	22.936	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	365006	90.544	ug/l	100
59) 2-Hexanone	10.75	43	557481	118.883	ug/l	99
60) Dibromochloromethane	10.90	129	166303	22.115	ug/l	98
61) 1,2-Dibromoethane	11.01	107	149625	22.203	ug/l	97
64) Tetrachloroethene	10.63	164	141802	18.560	ug/l	98
65) Chlorobenzene	11.44	112	406810	20.266	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	159076	20.625	ug/l	99
67) Ethyl Benzene	11.51	91	665836	20.649	ug/l	100
68) m/p-Xylenes	11.62	106	508050	41.655	ug/l	99
69) o-Xylene	11.95	106	250614	21.554	ug/l	98
70) Styrene	11.97	104	400227	19.920	ug/l	99
71) Bromoform	12.13	173	119493	21.298	ug/l #	100
73) Isopropylbenzene	12.25	105	632260	21.083	ug/l	99
74) N-amyl acetate	12.07	43	213622	23.307	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	206997	24.957	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	166510m	23.171	ug/l	
77) Bromobenzene	12.53	156	281080	33.818	ug/l	58
78) n-propylbenzene	12.59	91	730998	21.808	ug/l	100
79) 2-Chlorotoluene	12.68	91	449000	21.611	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	531013	22.511	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	52319	23.093	ug/l	98
82) 4-Chlorotoluene	12.78	91	446580	21.706	ug/l	99
83) tert-Butylbenzene	12.99	119	444250	21.580	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	543028	22.839	ug/l	99
85) sec-Butylbenzene	13.17	105	592242	21.531	ug/l	100
86) p-Isopropyltoluene	13.29	119	506316	21.845	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	291619	20.697	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	287567	20.939	ug/l	99
89) n-Butylbenzene	13.62	91	398944	20.932	ug/l	99
90) Hexachloroethane	13.88	117	97119	18.871	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	301590	21.412	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	33041	24.311	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	145015	21.301	ug/l	98
94) Hexachlorobutadiene	15.01	225	87141	20.209	ug/l	99
95) Naphthalene	15.14	128	537338	32.156	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	153512	22.375	ug/l	100

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

