

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN121718\
 Data File : VN052918.D
 Acq On : 17 Dec 2018 11:10
 Operator : MD\SY
 Sample : VN1217WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/18/2018 1:33:04 PM

Quant Time: Dec 18 05:05:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1269541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1962547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1738972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	767470	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	685011	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
35) Dibromofluoromethane	7.59	113	472479	43.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.26%	
50) Toluene-d8	10.09	98	2465576	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
62) 4-Bromofluorobenzene	12.40	95	831779	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	269553	20.626	ug/l	99
3) Chloromethane	2.06	50	320972	20.464	ug/l	99
4) Vinyl Chloride	2.19	62	327743	20.886	ug/l	100
5) Bromomethane	2.58	94	198283	20.487	ug/l	99
6) Chloroethane	2.71	64	189800	20.463	ug/l	100
7) Trichlorofluoromethane	3.03	101	404992	20.817	ug/l	98
8) Diethyl Ether	3.41	74	150987	21.276	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.77	101	253273	21.006	ug/l	100
10) Methyl Iodide	3.96	142	345369	20.453	ug/l	100
11) Tert butyl alcohol	4.77	59	73852	97.914	ug/l #	74
12) 1,1-Dichloroethene	3.74	96	242652	20.789	ug/l	96
13) Acrolein	3.61	56	21322	30.025	ug/l	93
14) Allyl chloride	4.33	41	420152	22.038	ug/l	95
15) Acrylonitrile	4.99	53	429250	101.443	ug/l	99
16) Acetone	3.82	43	229607	75.734	ug/l	97
17) Carbon Disulfide	4.06	76	749759	20.910	ug/l	99
18) Methyl Acetate	4.32	43	224206	20.151	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	660284	20.838	ug/l	98
20) Methylene Chloride	4.56	84	279181	20.462	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	258276	20.424	ug/l	99
22) Diisopropyl ether	5.95	45	863778	21.238	ug/l	100
23) Vinyl Acetate	5.90	43	2416668	99.857	ug/l	100
24) 1,1-Dichloroethane	5.85	63	495652	21.133	ug/l	99
25) 2-Butanone	6.83	43	424416	90.221	ug/l	100
26) 2,2-Dichloropropane	6.83	77	371892	21.531	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	296857	20.684	ug/l	99
28) Bromochloromethane	7.20	49	228580	21.703	ug/l	99
29) Tetrahydrofuran	7.21	42	324248	100.965	ug/l	99
30) Chloroform	7.37	83	481804	21.066	ug/l	100
31) Cyclohexane	7.66	56	478309	20.568	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	399981	20.902	ug/l	98
36) 1,1-Dichloropropene	7.79	75	371772	20.571	ug/l	99
37) Ethyl Acetate	6.93	43	215932	19.889	ug/l	99
38) Carbon Tetrachloride	7.78	117	357497	21.491	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	450554	20.315	ug/l	99
40) Benzene	8.04	78	1130201	20.836	ug/l	100
41) Methacrylonitrile	7.17	41	118701	19.733	ug/l	99
42) 1,2-Dichloroethane	8.12	62	337035	20.639	ug/l	100
43) Isopropyl Acetate	8.16	43	404291	18.163	ug/l	99
44) Trichloroethene	8.84	130	326601	22.292	ug/l	98
45) 1,2-Dichloropropane	9.12	63	297284	20.925	ug/l	98
46) Dibromomethane	9.21	93	169376	20.557	ug/l	99
47) Bromodichloromethane	9.40	83	369446	21.623	ug/l	99
48) Methyl methacrylate	9.20	41	200384	20.528	ug/l	99
49) 1,4-Dioxane	9.20	88	44611	402.613	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1041271	102.017	ug/l	100
52) Toluene	10.16	92	692819	21.089	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	372385	21.658	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	438735	21.414	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	241266	20.573	ug/l	98
56) Ethyl methacrylate	10.43	69	310825	20.653	ug/l	100
57) 1,3-Dichloropropane	10.71	76	419543	20.862	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	927432	110.439	ug/l	100
59) 2-Hexanone	10.75	43	671966	96.064	ug/l	100
60) Dibromochloromethane	10.90	129	277380	21.885	ug/l	99
61) 1,2-Dibromoethane	11.01	107	243325	20.991	ug/l	99
64) Tetrachloroethene	10.63	164	395525	26.464	ug/l	99
65) Chlorobenzene	11.43	112	753938	20.898	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	272872	21.747	ug/l	99
67) Ethyl Benzene	11.51	91	1331072	21.484	ug/l	99
68) m/p-Xylenes	11.62	106	997140	42.862	ug/l	99
69) o-Xylene	11.95	106	479780	21.120	ug/l	98
70) Styrene	11.96	104	787671	21.569	ug/l	99
71) Bromoform	12.13	173	188392	22.101	ug/l #	98
73) Isopropylbenzene	12.25	105	1280621	22.349	ug/l	100
74) N-amyl acetate	12.07	43	339918	21.607	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	225650	17.571	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	235834m	20.828	ug/l	
77) Bromobenzene	12.53	156	321835	22.082	ug/l	98
78) n-propylbenzene	12.59	91	1441014	22.050	ug/l	99
79) 2-Chlorotoluene	12.67	91	846147	21.901	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1001118	21.642	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	80283	22.777	ug/l #	81
82) 4-Chlorotoluene	12.77	91	852145	21.572	ug/l	100
83) tert-Butylbenzene	12.99	119	891727	21.853	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1012197	21.615	ug/l	100
85) sec-Butylbenzene	13.17	105	1205400	21.813	ug/l	100
86) p-Isopropyltoluene	13.29	119	1024667	21.402	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	538981	20.810	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	531920	20.738	ug/l	99
89) n-Butylbenzene	13.62	91	841568	20.880	ug/l	100
90) Hexachloroethane	13.88	117	160402	20.008	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	502294	20.161	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	38632	19.956	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	252562	18.649	ug/l	99
94) Hexachlorobutadiene	15.01	225	146073	18.634	ug/l	99
95) Naphthalene	15.13	128	532261	18.976	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	227044	18.271	ug/l	99

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

