

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN113018\
 Data File : VN052602.D
 Acq On : 30 Nov 2018 13:08
 Operator : MD\SY
 Sample : VN1130WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBSD02

Manual Integrations
 APPROVED

MMDadoda
 12/3/2018 10:49:38 AM

Quant Time: Dec 01 01:24:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	984050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1562106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1361661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	595097	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	545445	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
35) Dibromofluoromethane	7.59	113	488886	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
50) Toluene-d8	10.09	98	1843007	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
62) 4-Bromofluorobenzene	12.40	95	614984	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	165953	18.011	ug/l	99
3) Chloromethane	2.06	50	223055	18.340	ug/l	99
4) Vinyl Chloride	2.19	62	234001	18.729	ug/l	99
5) Bromomethane	2.58	94	138706	17.793	ug/l	99
6) Chloroethane	2.71	64	142826	18.873	ug/l	99
7) Trichlorofluoromethane	3.02	101	297107	19.359	ug/l	100
8) Diethyl Ether	3.41	74	111711	19.711	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.77	101	186335	19.458	ug/l	99
10) Methyl Iodide	3.96	142	253706	19.891	ug/l	99
11) Tert butyl alcohol	4.78	59	57329	106.878	ug/l	98
12) 1,1-Dichloroethene	3.74	96	179818	19.507	ug/l	98
13) Acrolein	3.61	56	70629	98.490	ug/l	98
14) Allyl chloride	4.33	41	306069	19.265	ug/l	98
15) Acrylonitrile	4.99	53	328731	96.815	ug/l	99
16) Acetone	3.82	43	246719	87.301	ug/l	100
17) Carbon Disulfide	4.06	76	499934	17.234	ug/l	100
18) Methyl Acetate	4.33	43	163447	20.163	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	496600	20.248	ug/l	99
20) Methylene Chloride	4.55	84	207897	18.799	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	196321	19.941	ug/l	96
22) Diisopropyl ether	5.95	45	658483	19.732	ug/l	96
23) Vinyl Acetate	5.90	43	2047913	98.526	ug/l	100
24) 1,1-Dichloroethane	5.85	63	375461	19.705	ug/l	100
25) 2-Butanone	6.84	43	373766	93.310	ug/l	98
26) 2,2-Dichloropropane	6.83	77	256663	19.461	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	227655	19.851	ug/l	97
28) Bromochloromethane	7.20	49	181146	20.815	ug/l	95
29) Tetrahydrofuran	7.21	42	246443	95.387	ug/l	99
30) Chloroform	7.37	83	365403	19.221	ug/l	98
31) Cyclohexane	7.66	56	346751	18.572	ug/l #	92
32) 1,1,1-Trichloroethane	7.57	97	303167	20.128	ug/l	98
36) 1,1-Dichloropropene	7.79	75	280344	19.005	ug/l	98
37) Ethyl Acetate	6.93	43	170499	18.939	ug/l	100
38) Carbon Tetrachloride	7.78	117	259647	19.443	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	326795	18.226	ug/l	100
40) Benzene	8.04	78	852455	19.391	ug/l	100
41) Methacrylonitrile	7.17	41	101213	20.564	ug/l	97
42) 1,2-Dichloroethane	8.13	62	259078	19.463	ug/l	100
43) Isopropyl Acetate	8.17	43	303053	19.892	ug/l	98
44) Trichloroethene	8.84	130	220016	19.538	ug/l	99
45) 1,2-Dichloropropane	9.12	63	225306	19.277	ug/l	98
46) Dibromomethane	9.21	93	128944	19.929	ug/l	99
47) Bromodichloromethane	9.40	83	272533	19.373	ug/l	100
48) Methyl methacrylate	9.20	41	149997	18.882	ug/l	98
49) 1,4-Dioxane	9.20	88	36234	439.488	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	830605	97.169	ug/l	100
52) Toluene	10.16	92	515357	19.731	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	261788	19.344	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	318463	19.637	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	184665	20.099	ug/l	98
56) Ethyl methacrylate	10.43	69	229193	19.690	ug/l	99
57) 1,3-Dichloropropane	10.71	76	313341	19.315	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	664257	99.636	ug/l	98
59) 2-Hexanone	10.75	43	545880	95.150	ug/l	100
60) Dibromochloromethane	10.90	129	196070	19.649	ug/l	100
61) 1,2-Dibromoethane	11.01	107	175999	19.287	ug/l	100
64) Tetrachloroethene	10.63	164	208792	19.777	ug/l	99
65) Chlorobenzene	11.43	112	557449	19.854	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	195129	19.987	ug/l	99
67) Ethyl Benzene	11.51	91	964000	19.606	ug/l	100
68) m/p-Xylenes	11.62	106	727041	39.720	ug/l	99
69) o-Xylene	11.95	106	354019	19.917	ug/l	100
70) Styrene	11.96	104	569538	20.117	ug/l	99
71) Bromoform	12.13	173	127479	19.721	ug/l #	100
73) Isopropylbenzene	12.25	105	941083	20.156	ug/l	99
74) N-amyl acetate	12.07	43	236628	20.061	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	208218	19.605	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	178149m	19.413	ug/l	
77) Bromobenzene	12.53	156	232469	20.144	ug/l	98
78) n-propylbenzene	12.59	91	1060726	19.998	ug/l	99
79) 2-Chlorotoluene	12.68	91	630788	19.970	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	765120	20.548	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	51792	18.848	ug/l	98
82) 4-Chlorotoluene	12.77	91	633791	19.910	ug/l	100
83) tert-Butylbenzene	12.99	119	669679	20.173	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	763695	20.465	ug/l	99
85) sec-Butylbenzene	13.17	105	894540	19.784	ug/l	99
86) p-Isopropyltoluene	13.29	119	764924	19.863	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	396346	19.634	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	388452	19.536	ug/l	98
89) n-Butylbenzene	13.62	91	619666	19.348	ug/l	100
90) Hexachloroethane	13.88	117	128128	19.649	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	389133	20.177	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29631	19.507	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	180907	18.984	ug/l	99
94) Hexachlorobutadiene	15.01	225	118988	19.178	ug/l	99
95) Naphthalene	15.13	128	373051	18.937	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	175613	19.820	ug/l	97

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

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