

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011819\
 Data File : VN053481.D
 Acq On : 18 Jan 2019 19:17
 Operator : JC/SP
 Sample : K1199-10MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW521-2327MS

Manual Integrations
 APPROVED

MMDadoda
 1/21/2019 10:48:31 AM

Quant Time: Jan 19 01:12:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	711933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1091322	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	998360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	507686	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	374763	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
35) Dibromofluoromethane	7.59	113	327819	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
50) Toluene-d8	10.09	98	1329968	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
62) 4-Bromofluorobenzene	12.40	95	471124	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	279502	48.830	ug/l	100
3) Chloromethane	2.06	50	395898	48.376	ug/l	98
4) Vinyl Chloride	2.19	62	383673	48.635	ug/l	100
5) Bromomethane	2.57	94	264963	48.951	ug/l	98
6) Chloroethane	2.71	64	232655	48.779	ug/l	97
7) Trichlorofluoromethane	3.02	101	521581	50.547	ug/l	99
8) Diethyl Ether	3.41	74	209974	54.180	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	329135	50.366	ug/l	98
10) Methyl Iodide	3.96	142	506223	50.691	ug/l	100
11) Tert butyl alcohol	4.78	59	131389	381.587	ug/l	100
12) 1,1-Dichloroethene	3.74	96	322434	50.869	ug/l	99
13) Acrolein	3.61	56	151240	227.363	ug/l	97
14) Allyl chloride	4.33	41	495509	48.128	ug/l	95
15) Acrylonitrile	4.99	53	684390	302.022	ug/l	100
16) Acetone	3.82	43	450131	272.649	ug/l	98
17) Carbon Disulfide	4.06	76	918535	47.921	ug/l	100
18) Methyl Acetate	4.33	43	319370	57.417	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	945560	56.145	ug/l	100
20) Methylene Chloride	4.55	84	377983	50.147	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	350609	51.739	ug/l	99
22) Diisopropyl ether	5.95	45	1137568	52.927	ug/l	99
23) Vinyl Acetate	5.90	43	3621489	274.103	ug/l	99
24) 1,1-Dichloroethane	5.86	63	656068	51.635	ug/l	100
25) 2-Butanone	6.83	43	765431	300.861	ug/l	99
26) 2,2-Dichloropropane	6.83	77	447482	46.645	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	407852	52.633	ug/l	99
28) Bromochloromethane	7.20	49	297686	53.182	ug/l	99
29) Tetrahydrofuran	7.21	42	520770	314.429	ug/l	99
30) Chloroform	7.37	83	653091	52.756	ug/l	99
31) Cyclohexane	7.66	56	593696	48.005	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	545228	51.919	ug/l	100
36) 1,1-Dichloropropene	7.80	75	493492	49.653	ug/l	99
37) Ethyl Acetate	6.93	43	326909	57.171	ug/l	99
38) Carbon Tetrachloride	7.78	117	473330	50.304	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	595796	48.501	ug/l	100
40) Benzene	8.04	78	1533762	50.783	ug/l	99
41) Methacrylonitrile	7.18	41	193091	56.738	ug/l	98
42) 1,2-Dichloroethane	8.12	62	467115	53.089	ug/l	100
43) Isopropyl Acetate	8.17	43	585249	56.921	ug/l	100
44) Trichloroethene	8.84	130	420047	50.152	ug/l	99
45) 1,2-Dichloropropane	9.12	63	401541	50.195	ug/l	100
46) Dibromomethane	9.21	93	244557	53.210	ug/l	99
47) Bromodichloromethane	9.40	83	504972	52.245	ug/l	99
48) Methyl methacrylate	9.20	41	299707	56.455	ug/l	98
49) 1,4-Dioxane	9.20	88	77716	1498.967	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1726407	307.586	ug/l	100
52) Toluene	10.16	92	954064	50.883	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	517637	52.836	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	581547	50.637	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	351354	54.352	ug/l	100
56) Ethyl methacrylate	10.43	69	478033	52.020	ug/l	100
57) 1,3-Dichloropropane	10.71	76	603441	53.962	ug/l	99
59) 2-Hexanone	10.75	43	1187538	301.398	ug/l	100
60) Dibromochloromethane	10.90	129	396268	54.046	ug/l	99
61) 1,2-Dibromoethane	11.01	107	356074	54.464	ug/l	100
64) Tetrachloroethene	10.63	164	445497	47.351	ug/l	99
65) Chlorobenzene	11.44	112	1059742	50.149	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	378890	51.539	ug/l	99
67) Ethyl Benzene	11.51	91	1837807	51.030	ug/l	99
68) m/p-Xylenes	11.62	106	1405005	103.330	ug/l	99
69) o-Xylene	11.95	106	689357	52.175	ug/l	98
70) Stvrene	11.96	104	1144061	53.353	ug/l	100
71) Bromoform	12.13	173	289340	57.170	ug/l	98
73) Isopropylbenzene	12.25	105	1816056	48.847	ug/l	100
74) N-amyl acetate	12.07	43	539168	54.402	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	427832	54.869	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	351680m	52.565	ug/l	
77) Bromobenzene	12.53	156	488727	49.888	ug/l	100
78) n-propylbenzene	12.59	91	2099616	49.199	ug/l	99
79) 2-Chlorotoluene	12.68	91	1234806	48.814	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1520230	50.257	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	130047	49.234	ug/l	99
82) 4-Chlorotoluene	12.77	91	1271557	49.292	ug/l	100
83) tert-Butylbenzene	12.99	119	1331261	49.829	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1551804	50.878	ug/l	100
85) sec-Butylbenzene	13.17	105	1811296	49.434	ug/l	100
86) p-Isopropyltoluene	13.29	119	1585050	49.822	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	867136	50.320	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	858910	49.689	ug/l	99
89) n-Butylbenzene	13.62	91	1326970	48.932	ug/l	100
90) Hexachloroethane	13.88	117	257903	51.688	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	845891	53.355	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	67181	67.951	ug/l	99
93) 1,2,4-Trichlorobenzene	14.91	180	395649	56.198	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	256541	51.873	ug/l	100
95) Naphthalene	15.13	128	748686	60.136	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	305991	59.018	ug/l	99

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

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