

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011419\
 Data File : VN053387.D
 Acq On : 14 Jan 2019 13:17
 Operator : JC/SP
 Sample : VN0114WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0114WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/15/2019 11:14:25 AM

Quant Time: Jan 14 23:29:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	838611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1292325	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1161168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	551528	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	426057	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
35) Dibromofluoromethane	7.59	113	362577	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
50) Toluene-d8	10.09	98	1517045	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
62) 4-Bromofluorobenzene	12.40	95	539903	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	146069	19.757	ug/l	99
3) Chloromethane	2.06	50	193922	18.783	ug/l	100
4) Vinyl Chloride	2.19	62	189440	19.224	ug/l	98
5) Bromomethane	2.55	94	126761	19.686	ug/l	98
6) Chloroethane	2.70	64	114997	19.334	ug/l	96
7) Trichlorofluoromethane	3.02	101	250636	19.636	ug/l	99
8) Diethyl Ether	3.41	74	98859	19.760	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	162934	20.141	ug/l	99
10) Methyl Iodide	3.96	142	229075	20.202	ug/l	100
11) Tert butyl alcohol	4.78	59	48563	92.541	ug/l #	89
12) 1,1-Dichloroethene	3.74	96	153217	19.581	ug/l	99
13) Acrolein	3.61	56	67108	101.708	ug/l	100
14) Allyl chloride	4.33	41	253650	20.112	ug/l	96
15) Acrylonitrile	4.99	53	309199	98.702	ug/l	100
16) Acetone	3.82	43	202670	95.135	ug/l	97
17) Carbon Disulfide	4.06	76	413141	17.126	ug/l	99
18) Methyl Acetate	4.32	43	151354	19.168	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	439384	20.008	ug/l	100
20) Methylene Chloride	4.55	84	181599	19.380	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	166353	19.800	ug/l	99
22) Diisopropyl ether	5.95	45	556392	20.479	ug/l	96
23) Vinyl Acetate	5.90	43	1718612	100.533	ug/l	99
24) 1,1-Dichloroethane	5.85	63	316240	20.182	ug/l	100
25) 2-Butanone	6.84	43	339578	94.870	ug/l	100
26) 2,2-Dichloropropane	6.83	77	228050	19.909	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	194485	20.271	ug/l	100
28) Bromochloromethane	7.20	49	137738	20.627	ug/l	99
29) Tetrahydrofuran	7.21	42	230106	97.417	ug/l	98
30) Chloroform	7.37	83	309611	20.074	ug/l	98
31) Cyclohexane	7.66	56	299813	20.018	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	258501	20.113	ug/l	99
36) 1,1-Dichloropropene	7.79	75	237642	19.697	ug/l	100
37) Ethyl Acetate	6.93	43	153930	19.588	ug/l	99
38) Carbon Tetrachloride	7.78	117	224908	20.197	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	291805	20.877	ug/l	99
40) Benzene	8.04	78	732559	19.878	ug/l	99
41) Methacrylonitrile	7.17	41	86368	17.703	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	219725	20.100	ug/l	100
43) Isopropyl Acetate	8.17	43	274206	17.737	ug/l	99
44) Trichloroethene	8.84	130	201980	19.960	ug/l	99
45) 1,2-Dichloropropane	9.12	63	196529	20.333	ug/l	98
46) Dibromomethane	9.21	93	113818	20.196	ug/l	98
47) Bromodichloromethane	9.40	83	233087	19.846	ug/l	100
48) Methyl methacrylate	9.20	41	138935	19.781	ug/l	99
49) 1,4-Dioxane	9.20	88	24273	324.375	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	771321	99.214	ug/l	99
52) Toluene	10.16	92	455501	20.147	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	241023	20.061	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	279354	20.121	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	163836	19.708	ug/l	99
56) Ethyl methacrylate	10.43	69	218019	20.181	ug/l	99
57) 1,3-Dichloropropane	10.71	76	285158	20.512	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	574435	98.354	ug/l	100
59) 2-Hexanone	10.75	43	524660	98.497	ug/l	99
60) Dibromochloromethane	10.90	129	178610	19.919	ug/l	100
61) 1,2-Dibromoethane	11.01	107	162355	19.790	ug/l	97
64) Tetrachloroethene	10.63	164	219192	20.056	ug/l	99
65) Chlorobenzene	11.43	112	505175	20.027	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	177626	20.118	ug/l	99
67) Ethyl Benzene	11.51	91	866191	20.208	ug/l	99
68) m/p-Xylenes	11.62	106	662385	41.097	ug/l	100
69) o-Xylene	11.95	106	322494	20.438	ug/l	100
70) Styrene	11.96	104	530799	20.669	ug/l	100
71) Bromoform	12.13	173	122674	19.671	ug/l #	100
73) Isopropylbenzene	12.25	105	865965	21.089	ug/l	100
74) N-amyl acetate	12.07	43	246916	20.137	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	193723	20.509	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	157712m	19.605	ug/l	
77) Bromobenzene	12.53	156	225746	20.598	ug/l	99
78) n-propylbenzene	12.59	91	981783	21.137	ug/l	99
79) 2-Chlorotoluene	12.68	91	583537	20.763	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	704327	21.294	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	55213	20.194	ug/l	96
82) 4-Chlorotoluene	12.77	91	592681	20.566	ug/l	99
83) tert-Butylbenzene	12.99	119	624173	21.508	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	703909	20.890	ug/l	100
85) sec-Butylbenzene	13.17	105	848895	22.181	ug/l	100
86) p-Isopropyltoluene	13.29	119	737080	22.244	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	393271	20.377	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	386456	20.186	ug/l	99
89) n-Butylbenzene	13.62	91	610946	21.991	ug/l	99
90) Hexachloroethane	13.88	117	106165	19.989	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	367612	20.335	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	25003	21.823	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	142806	25.123	ug/l	100
94) Hexachlorobutadiene	15.01	225	116697	25.100	ug/l	96
95) Naphthalene	15.13	128	255479	26.346	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	104785	28.157	ug/l	98

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

