

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091718\
 Data File : VN051272.D
 Acq On : 17 Sep 2018 13:54
 Operator : MD\SY
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN091718

Manual Integrations
 APPROVED

MMDadoda
 9/19/2018 4:57:53 PM

Quant Time: Sep 19 09:25:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 18 06:04:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	628118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	847231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	770025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	394547	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	322752	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
35) Dibromofluoromethane	7.59	113	322105	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
50) Toluene-d8	10.09	98	1233113	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
62) 4-Bromofluorobenzene	12.40	95	399201	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	307431	50.47	ug/l	99
3) Chloromethane	2.06	50	394988	50.37	ug/l	99
4) Vinyl Chloride	2.18	62	397079	48.29	ug/l	98
5) Bromomethane	2.56	94	228452	47.05	ug/l	98
6) Chloroethane	2.70	64	233429	47.58	ug/l	98
7) Trichlorofluoromethane	3.01	101	543804	48.25	ug/l	99
8) Diethyl Ether	3.41	74	183910	49.87	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	341782	48.53	ug/l	99
10) Methyl Iodide	3.95	142	336724	47.79	ug/l	98
11) Tert butyl alcohol	4.78	59	90780	241.49	ug/l	100
12) 1,1-Dichloroethene	3.73	96	312670	49.16	ug/l	97
13) Acrolein	3.61	56	136255	238.82	ug/l	100
14) Allyl chloride	4.32	41	459777	48.97	ug/l	99
15) Acrylonitrile	4.99	53	492468	250.41	ug/l	99
16) Acetone	3.82	43	372349	249.97	ug/l	99
17) Carbon Disulfide	4.05	76	954454	48.84	ug/l	100
18) Methyl Acetate	4.32	43	218681	47.09	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	795439	52.18	ug/l	99
20) Methylene Chloride	4.55	84	347525	46.51	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	335271	48.09	ug/l	99
22) Diisopropyl ether	5.95	45	963711	52.99	ug/l	97
23) Vinyl Acetate	5.90	43	3126500	265.33	ug/l	100
24) 1,1-Dichloroethane	5.85	63	599000	49.27	ug/l	100
25) 2-Butanone	6.84	43	532324	243.43	ug/l	100
26) 2,2-Dichloropropane	6.82	77	495399	50.10	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	370701	49.77	ug/l	99
28) Bromochloromethane	7.20	49	257529	48.10	ug/l	100
29) Tetrahydrofuran	7.21	42	346132	256.01	ug/l	100
30) Chloroform	7.37	83	599107	48.25	ug/l	100
31) Cyclohexane	7.65	56	543831	49.40	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	527210	49.48	ug/l	99
36) 1,1-Dichloropropene	7.79	75	475930	51.90	ug/l	100
37) Ethyl Acetate	6.93	43	237939	50.47	ug/l	99
38) Carbon Tetrachloride	7.77	117	480217	50.22	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	548917	55.10	ug/l	99
40) Benzene	8.04	78	1406277	51.54	ug/l	100
41) Methacrylonitrile	7.17	41	131994	54.56	ug/l	97
42) 1,2-Dichloroethane	8.12	62	397035	49.48	ug/l	100
43) Isopropyl Acetate	8.16	43	428630	52.54	ug/l	99
44) Trichloroethene	8.83	130	390043	50.85	ug/l	97
45) 1,2-Dichloropropane	9.12	63	356971	51.60	ug/l	98
46) Dibromomethane	9.21	93	210322	49.91	ug/l	99
47) Bromodichloromethane	9.40	83	460846	51.31	ug/l	100
48) Methyl methacrylate	9.20	41	212008	53.96	ug/l	99
49) 1,4-Dioxane	9.20	88	60564	1065.47	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	1138910	270.56	ug/l	99
52) Toluene	10.16	92	884960	54.18	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	456444	54.08	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	536476	53.22	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	298885	51.17	ug/l	99
56) Ethyl methacrylate	10.43	69	363449	48.95	ug/l	99
57) 1,3-Dichloropropane	10.71	76	507328	53.32	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	857188	250.29	ug/l	99
59) 2-Hexanone	10.75	43	745094	268.84	ug/l	99
60) Dibromochloromethane	10.90	129	357040	51.94	ug/l	99
61) 1,2-Dibromoethane	11.00	107	294968	52.54	ug/l	97
64) Tetrachloroethene	10.63	164	361077	49.39	ug/l	99
65) Chlorobenzene	11.43	112	975375	51.21	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	359806	49.90	ug/l	99
67) Ethyl Benzene	11.51	91	1638804	53.99	ug/l	100
68) m/p-Xylenes	11.62	106	1298941	110.16	ug/l	100
69) o-Xylene	11.95	106	620266	55.20	ug/l	100
70) Styrene	11.96	104	983445	49.49	ug/l	100
71) Bromoform	12.13	173	244364	51.10	ug/l	100
73) Isopropylbenzene	12.25	105	1644040	49.41	ug/l	99
74) N-amyl acetate	12.07	43	334322	48.95	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	352130	50.81	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	293529m	54.69	ug/l	
77) Bromobenzene	12.53	156	417348	50.16	ug/l	99
78) n-propylbenzene	12.59	91	1816104	50.60	ug/l	100
79) 2-Chlorotoluene	12.67	91	1079565	47.32	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1340484	50.39	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	90675	51.04	ug/l	98
82) 4-Chlorotoluene	12.77	91	1080105	49.77	ug/l	100
83) tert-Butylbenzene	12.99	119	1169956	49.77	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1353964	52.41	ug/l	99
85) sec-Butylbenzene	13.17	105	1531822	51.31	ug/l	100
86) p-Isopropyltoluene	13.29	119	1363166	54.46	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	711048	48.37	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	686775	49.33	ug/l	99
89) n-Butylbenzene	13.61	91	1029873	50.09	ug/l	99
90) Hexachloroethane	13.87	117	243301	49.81	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	678158	50.04	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	46207	47.62	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	297627	45.25	ug/l	98
94) Hexachlorobutadiene	15.01	225	235053	52.23	ug/l	99
95) Naphthalene	15.13	128	512747	42.53	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	287364	45.97	ug/l	99

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

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