

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091818\
 Data File : VN051296.D
 Acq On : 18 Sep 2018 14:36
 Operator : MD\SY
 Sample : VN0918WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/19/2018 2:57:08 PM

Quant Time: Sep 18 15:07:05 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	533415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	737298	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	642824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	296280	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	290899	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
35) Dibromofluoromethane	7.59	113	285064	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
50) Toluene-d8	10.09	98	1039704	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
62) 4-Bromofluorobenzene	12.40	95	313050	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	99343	19.204	ug/l	99
3) Chloromethane	2.06	50	127698	18.745	ug/l	100
4) Vinyl Chloride	2.18	62	133399	19.102	ug/l	99
5) Bromomethane	2.57	94	80476	19.824	ug/l	94
6) Chloroethane	2.70	64	80068	19.218	ug/l	99
7) Trichlorofluoromethane	3.01	101	185341	19.366	ug/l	99
8) Diethyl Ether	3.41	74	62264	19.881	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	113958	19.056	ug/l	99
10) Methyl Iodide	3.95	142	97215	20.279	ug/l	99
11) Tert butyl alcohol	4.80	59	34213	107.173	ug/l	100
12) 1,1-Dichloroethene	3.74	96	102147	18.911	ug/l	96
13) Acrolein	3.61	56	40403	90.118	ug/l	99
14) Allyl chloride	4.33	41	148557	18.632	ug/l	98
15) Acrylonitrile	5.00	53	172390	103.218	ug/l	99
16) Acetone	3.82	43	121902	89.819	ug/l	98
17) Carbon Disulfide	4.05	76	309910	18.608	ug/l	99
18) Methyl Acetate	4.33	43	80077	19.876	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	268525	20.744	ug/l	99
20) Methylene Chloride	4.55	84	120325	18.964	ug/l	95
21) trans-1,2-Dichloroethene	5.05	96	111224	18.784	ug/l	94
22) Diisopropyl ether	5.96	45	321943	20.846	ug/l	99
23) Vinyl Acetate	5.90	43	1014176	101.349	ug/l	100
24) 1,1-Dichloroethane	5.85	63	201414	19.507	ug/l	100
25) 2-Butanone	6.84	43	182286	98.159	ug/l	96
26) 2,2-Dichloropropane	6.83	77	153792	18.315	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	122436	19.356	ug/l	98
28) Bromochloromethane	7.20	49	91567	20.137	ug/l	98
29) Tetrahydrofuran	7.22	42	125316	109.144	ug/l	99
30) Chloroform	7.37	83	207797	19.705	ug/l	99
31) Cyclohexane	7.66	56	174931	18.668	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	179284	19.812	ug/l	100
36) 1,1-Dichloropropene	7.80	75	155473	19.480	ug/l	100
37) Ethyl Acetate	6.94	43	85479	20.833	ug/l	100
38) Carbon Tetrachloride	7.78	117	160646	19.303	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	162252	18.715	ug/l	99
40) Benzene	8.05	78	470394	19.809	ug/l	99
41) Methacrylonitrile	7.18	41	41982	19.940	ug/l #	87
42) 1,2-Dichloroethane	8.13	62	140749	20.158	ug/l	100
43) Isopropyl Acetate	8.17	43	151914	21.398	ug/l #	89
44) Trichloroethene	8.84	130	128570	19.260	ug/l	98
45) 1,2-Dichloropropane	9.12	63	123081	20.444	ug/l	97
46) Dibromomethane	9.21	93	73366	20.005	ug/l	99
47) Bromodichloromethane	9.40	83	156033	19.962	ug/l	100
48) Methyl methacrylate	9.20	41	70956	20.753	ug/l	98
49) 1,4-Dioxane	9.20	88	19361	391.394	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	400231	109.256	ug/l	100
52) Toluene	10.16	92	289971	20.399	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	141398	19.251	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	170491	19.434	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	104543	20.567	ug/l	99
56) Ethyl methacrylate	10.43	69	114997	19.114	ug/l	99
57) 1,3-Dichloropropane	10.71	76	170421	20.583	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	248637	92.071	ug/l	98
59) 2-Hexanone	10.75	43	242477	100.533	ug/l	99
60) Dibromochloromethane	10.90	129	118721	19.847	ug/l	98
61) 1,2-Dibromoethane	11.01	107	100415	20.554	ug/l	99
64) Tetrachloroethene	10.63	164	119231	19.538	ug/l	97
65) Chlorobenzene	11.44	112	308511	19.403	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	119914	19.920	ug/l	99
67) Ethyl Benzene	11.51	91	497569	19.636	ug/l	99
68) m/p-Xylenes	11.62	106	394253	40.052	ug/l	100
69) o-Xylene	11.95	106	186000	19.827	ug/l	98
70) Styrene	11.96	104	293524	18.494	ug/l	100
71) Bromoform	12.13	173	80043	20.051	ug/l #	100
73) Isopropylbenzene	12.25	105	492795	19.722	ug/l	99
74) N-amyl acetate	12.07	43	95833	18.685	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	123590	22.187	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	101937m	23.693	ug/l	
77) Bromobenzene	12.53	156	130465	20.345	ug/l	100
78) n-propylbenzene	12.59	91	530144	19.670	ug/l	100
79) 2-Chlorotoluene	12.67	91	330268	19.279	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	405176	20.282	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	26987	20.230	ug/l	97
82) 4-Chlorotoluene	12.77	91	318757	19.560	ug/l	100
83) tert-Butylbenzene	12.99	119	346231	19.612	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	396510	20.439	ug/l	99
85) sec-Butylbenzene	13.17	105	443687	19.792	ug/l	100
86) p-Isopropyltoluene	13.29	119	384443	20.452	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	208833	18.920	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	200036	19.385	ug/l	98
89) n-Butylbenzene	13.62	91	259009	18.119	ug/l	100
90) Hexachloroethane	13.88	117	74542	19.812	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	207644	20.113	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	15873	21.872	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	67517	17.183	ug/l	98
94) Hexachlorobutadiene	15.01	225	71857	20.388	ug/l	99
95) Naphthalene	15.13	128	121336	17.460	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	76581	18.804	ug/l	99

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

