

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082118\
 Data File : VN050795.D
 Acq On : 21 Aug 2018 21:22
 Operator : MD\SY
 Sample : VN0821WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/22/2018 11:19:21 AM

Quant Time: Aug 22 07:13:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	613315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	885236	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	805512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	396498	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	376070	50.93	ug/l	0.00
Spiked Amount			Recovery	=	101.86%	
35) Dibromofluoromethane	7.59	113	352428	50.04	ug/l	0.00
Spiked Amount			Recovery	=	100.08%	
50) Toluene-d8	10.09	98	1320469	50.15	ug/l	0.00
Spiked Amount			Recovery	=	100.30%	
62) 4-Bromofluorobenzene	12.40	95	421975	48.23	ug/l	0.00
Spiked Amount			Recovery	=	96.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	187874	22.89	ug/l	98
3) Chloromethane	2.06	50	206906	20.44	ug/l	99
4) Vinyl Chloride	2.18	62	199160	20.77	ug/l	100
5) Bromomethane	2.57	94	110714	19.66	ug/l	97
6) Chloroethane	2.70	64	115184	20.79	ug/l	98
7) Trichlorofluoromethane	3.01	101	258965	21.09	ug/l	98
8) Diethyl Ether	3.41	74	82760	19.82	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	158674	20.68	ug/l	99
10) Methyl Iodide	3.95	142	120377	21.95	ug/l	98
11) Tert butyl alcohol	4.79	59	46854	99.65	ug/l #	91
12) 1,1-Dichloroethene	3.74	96	141289	20.51	ug/l	96
13) Acrolein	3.61	56	24237	99.87	ug/l	97
14) Allyl chloride	4.33	41	207558	19.34	ug/l	98
15) Acrylonitrile	4.99	53	240058	100.47	ug/l	98
16) Acetone	3.82	43	165537	90.16	ug/l	100
17) Carbon Disulfide	4.05	76	437650	18.95	ug/l	100
18) Methyl Acetate	4.33	43	130790	18.76	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	351481	20.29	ug/l	99
20) Methylene Chloride	4.55	84	164264	19.74	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	149645	20.09	ug/l	96
22) Diisopropyl ether	5.96	45	455568	21.30	ug/l	98
23) Vinyl Acetate	5.90	43	1401157	101.71	ug/l	99
24) 1,1-Dichloroethane	5.85	63	280010	20.39	ug/l	99
25) 2-Butanone	6.84	43	252880	84.99	ug/l	99
26) 2,2-Dichloropropane	6.83	77	194023	17.58	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	164563	20.49	ug/l	99
28) Bromochloromethane	7.20	49	119802	20.53	ug/l	99
29) Tetrahydrofuran	7.22	42	170693	100.06	ug/l	99
30) Chloroform	7.37	83	279582	20.56	ug/l	98
31) Cyclohexane	7.66	56	245863	19.98	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	237855	20.36	ug/l	100
36) 1,1-Dichloropropene	7.79	75	210216	20.12	ug/l	99
37) Ethyl Acetate	6.93	43	118774	19.79	ug/l	99
38) Carbon Tetrachloride	7.77	117	212480	20.12	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	219099	19.39	ug/l	96
40) Benzene	8.04	78	646009	20.51	ug/l	99
41) Methacrylonitrile	7.17	41	56560	17.42	ug/l	89
42) 1,2-Dichloroethane	8.13	62	193689	20.57	ug/l	100
43) Isopropyl Acetate	8.17	43	206943	20.06	ug/l #	87
44) Trichloroethene	8.84	130	166759	20.07	ug/l	99
45) 1,2-Dichloropropane	9.12	63	167366	20.22	ug/l	100
46) Dibromomethane	9.21	93	99712	20.50	ug/l	99
47) Bromodichloromethane	9.40	83	206851	20.30	ug/l	100
48) Methyl methacrylate	9.20	41	104432	19.86	ug/l	100
49) 1,4-Dioxane	9.20	88	28023	390.95	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	589760	95.79	ug/l	100
52) Toluene	10.16	92	388949	20.84	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	193198	19.05	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	228524	19.68	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	144548	20.87	ug/l	99
56) Ethyl methacrylate	10.43	69	155361	18.78	ug/l	99
57) 1,3-Dichloropropane	10.71	76	234713	20.53	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	321000	89.88	ug/l	100
59) 2-Hexanone	10.75	43	373950	91.23	ug/l	98
60) Dibromochloromethane	10.90	129	157639	20.33	ug/l	100
61) 1,2-Dibromoethane	11.01	107	136074	20.32	ug/l	100
64) Tetrachloroethene	10.63	164	157493	20.58	ug/l	99
65) Chlorobenzene	11.44	112	423722	20.13	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	157392	20.43	ug/l	99
67) Ethyl Benzene	11.51	91	693463	20.26	ug/l	100
68) m/p-Xylenes	11.62	106	550620	42.38	ug/l	100
69) o-Xylene	11.95	106	259326	20.76	ug/l	100
70) Styrene	11.96	104	405345	19.22	ug/l	98
71) Bromoform	12.13	173	105669	19.95	ug/l #	100
73) Isopropylbenzene	12.25	105	682440	20.79	ug/l	100
74) N-amyl acetate	12.07	43	158995	19.27	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	172841	21.14	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	126886m	18.27	ug/l	
77) Bromobenzene	12.53	156	177758	19.92	ug/l	98
78) n-propylbenzene	12.59	91	769270	20.97	ug/l	100
79) 2-Chlorotoluene	12.68	91	473505	20.73	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	564157	21.30	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	36496	17.77	ug/l	97
82) 4-Chlorotoluene	12.77	91	469884	20.83	ug/l	99
83) tert-Butylbenzene	12.99	119	485450	21.16	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	573968	21.54	ug/l	99
85) sec-Butylbenzene	13.17	105	631476	21.00	ug/l	100
86) p-Isopropyltoluene	13.29	119	538500	21.02	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	301309	19.90	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	288756	19.38	ug/l	99
89) n-Butylbenzene	13.62	91	394024	19.23	ug/l	99
90) Hexachloroethane	13.88	117	100069	20.61	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	293478	20.09	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22654	19.21	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	108633	17.21	ug/l	100
94) Hexachlorobutadiene	15.01	225	89130	19.91	ug/l	99
95) Naphthalene	15.13	128	199219	16.62	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	111076	17.86	ug/l	100

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

