

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
 Data File : VN049889.D
 Acq On : 18 Jul 2018 23:15
 Operator : MD\SY
 Sample : VN0718WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS02

Manual Integrations
 APPROVED

apatel
 7/19/2018 4:30:03 PM

Quant Time: Jul 19 06:39:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 13:09:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	583431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	893812	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	795864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	413286	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	425406	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
35) Dibromofluoromethane	7.59	113	372216	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
50) Toluene-d8	10.09	98	1361231	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
62) 4-Bromofluorobenzene	12.40	95	444000	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	109006	19.62	ug/l	97
3) Chloromethane	2.06	50	147385	18.51	ug/l	99
4) Vinyl Chloride	2.18	62	161901	19.06	ug/l	100
5) Bromomethane	2.56	94	101847	20.31	ug/l	98
6) Chloroethane	2.70	64	103525	18.66	ug/l	99
7) Trichlorofluoromethane	3.01	101	221228	18.95	ug/l	100
8) Diethyl Ether	3.41	74	81897	20.10	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	132676	18.43	ug/l	100
10) Methyl Iodide	3.95	142	176852	18.31	ug/l	98
11) Tert butyl alcohol	4.81	59	58931	103.16	ug/l	99
12) 1,1-Dichloroethene	3.73	96	118958	18.81	ug/l	99
13) Acrolein	3.61	56	33953	92.23	ug/l	96
14) Allyl chloride	4.32	41	189720	19.03	ug/l	99
15) Acrylonitrile	4.99	53	258230	102.78	ug/l	97
16) Acetone	3.82	43	195966	94.39	ug/l	98
17) Carbon Disulfide	4.04	76	341880	18.06	ug/l	99
18) Methyl Acetate	4.33	43	152417	22.92	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	361873	20.79	ug/l	97
20) Methylene Chloride	4.55	84	146322	18.53	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	132374	19.71	ug/l	99
22) Diisopropyl ether	5.96	45	426632	20.97	ug/l	100
23) Vinyl Acetate	5.90	43	1469223	102.91	ug/l	100
24) 1,1-Dichloroethane	5.85	63	259791	19.89	ug/l	98
25) 2-Butanone	6.84	43	303250	102.20	ug/l	99
26) 2,2-Dichloropropane	6.83	77	174770	17.20	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	148317	20.12	ug/l	97
28) Bromochloromethane	7.20	49	116161	19.69	ug/l	98
29) Tetrahydrofuran	7.22	42	199975	106.98	ug/l	100
30) Chloroform	7.37	83	265556	19.80	ug/l	100
31) Cyclohexane	7.65	56	206036	19.38	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	225427	19.45	ug/l	100
36) 1,1-Dichloropropene	7.79	75	186313	18.75	ug/l	99
37) Ethyl Acetate	6.94	43	135012	19.78	ug/l	99
38) Carbon Tetrachloride	7.77	117	199176	18.71	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	180895	17.62	ug/l	95
40) Benzene	8.04	78	586820	19.37	ug/l	99
41) Methacrylonitrile	7.17	41	63351	18.52	ug/l #	87
42) 1,2-Dichloroethane	8.13	62	194885	19.43	ug/l	99
43) Isopropyl Acetate	8.17	43	256620	21.52	ug/l	100
44) Trichloroethene	8.83	130	150794	18.99	ug/l	98
45) 1,2-Dichloropropane	9.12	63	156418	19.14	ug/l	100
46) Dibromomethane	9.21	93	97609	19.26	ug/l	98
47) Bromodichloromethane	9.40	83	202227	19.30	ug/l	96
48) Methyl methacrylate	9.20	41	117342	19.62	ug/l	98
49) 1,4-Dioxane	9.20	88	33890	399.45	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	699444	104.95	ug/l	99
52) Toluene	10.16	92	358415	19.84	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	193881	18.71	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	219261	19.14	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	140616	18.84	ug/l	99
56) Ethyl methacrylate	10.43	69	169663	18.35	ug/l	97
57) 1,3-Dichloropropane	10.71	76	226991	19.31	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	411895	103.59	ug/l	100
59) 2-Hexanone	10.75	43	463927	103.63	ug/l	98
60) Dibromochloromethane	10.90	129	153829	18.79	ug/l	97
61) 1,2-Dibromoethane	11.01	107	137588	19.73	ug/l	100
64) Tetrachloroethene	10.63	164	139511	19.51	ug/l	99
65) Chlorobenzene	11.43	112	385804	19.29	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	149581	19.31	ug/l	99
67) Ethyl Benzene	11.51	91	629677	19.41	ug/l	100
68) m/p-Xylenes	11.62	106	496065	40.40	ug/l	99
69) o-Xylene	11.95	106	232769	19.74	ug/l	99
70) Styrene	11.96	104	384239	20.11	ug/l	99
71) Bromoform	12.13	173	110596	19.96	ug/l #	99
73) Isopropylbenzene	12.25	105	626103	19.94	ug/l	99
74) N-amyl acetate	12.07	43	194159	20.32	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	186781	19.86	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	151538m	19.55	ug/l	
77) Bromobenzene	12.53	156	168038	19.38	ug/l	98
78) n-propylbenzene	12.59	91	715205	20.04	ug/l	100
79) 2-Chlorotoluene	12.68	91	438321	20.00	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	514433	20.44	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	46017	18.56	ug/l	96
82) 4-Chlorotoluene	12.77	91	444269	20.21	ug/l	100
83) tert-Butylbenzene	12.99	119	432090	19.55	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	529805	20.79	ug/l	100
85) sec-Butylbenzene	13.17	105	588969	20.17	ug/l	100
86) p-Isopropyltoluene	13.29	119	503127	20.21	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	294045	19.47	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	286723	18.93	ug/l	100
89) n-Butylbenzene	13.62	91	385523	18.76	ug/l	99
90) Hexachloroethane	13.87	117	101520	18.17	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	292643	19.71	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	27863	19.17	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	130475	18.30	ug/l	100
94) Hexachlorobutadiene	15.01	225	86936	17.86	ug/l	97
95) Naphthalene	15.14	128	285242	17.75	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	137971	19.37	ug/l	98

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

