

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071918\
 Data File : VN049934.D
 Acq On : 19 Jul 2018 23:46
 Operator : MD\SY
 Sample : VN0719WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/20/2018 11:08:08 AM

Quant Time: Jul 20 03:27:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	563906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	872865	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	771509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	393319	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	409919	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
35) Dibromofluoromethane	7.59	113	365215	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
50) Toluene-d8	10.09	98	1314295	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
62) 4-Bromofluorobenzene	12.40	95	431903	46.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	106486	19.84	ug/l	97
3) Chloromethane	2.06	50	149552	19.43	ug/l	100
4) Vinyl Chloride	2.18	62	156048	19.01	ug/l	98
5) Bromomethane	2.56	94	81614	16.50	ug/l	100
6) Chloroethane	2.70	64	101213	18.88	ug/l	100
7) Trichlorofluoromethane	3.01	101	215680	19.11	ug/l	99
8) Diethyl Ether	3.41	74	77785	19.76	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	132940	19.10	ug/l	99
10) Methyl Iodide	3.95	142	126315	13.53	ug/l	98
11) Tert butyl alcohol	4.82	59	52275	94.67	ug/l	100
12) 1,1-Dichloroethene	3.73	96	117424	19.21	ug/l	97
13) Acrolein	3.61	56	28510	80.13	ug/l	93
14) Allyl chloride	4.32	41	187613	19.47	ug/l	98
15) Acrylonitrile	5.00	53	246955	101.70	ug/l	100
16) Acetone	3.82	43	178882	89.14	ug/l	99
17) Carbon Disulfide	4.05	76	329197	18.00	ug/l	100
18) Methyl Acetate	4.33	43	149226	23.22	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	347127	20.64	ug/l	98
20) Methylene Chloride	4.55	84	149366	19.57	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	127063	19.57	ug/l	98
22) Diisopropyl ether	5.96	45	418858	21.30	ug/l	99
23) Vinyl Acetate	5.90	43	1417311	102.71	ug/l	99
24) 1,1-Dichloroethane	5.85	63	254640	20.17	ug/l	100
25) 2-Butanone	6.85	43	278893	97.25	ug/l	97
26) 2,2-Dichloropropane	6.83	77	162850	16.58	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	146888	20.62	ug/l	98
28) Bromochloromethane	7.20	49	128437	22.53	ug/l	100
29) Tetrahydrofuran	7.22	42	185372	102.60	ug/l	99
30) Chloroform	7.37	83	266976	20.60	ug/l	99
31) Cyclohexane	7.66	56	201189	19.58	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	221555	19.78	ug/l	100
36) 1,1-Dichloropropene	7.79	75	182733	18.83	ug/l	99
37) Ethyl Acetate	6.94	43	125325	18.81	ug/l	99
38) Carbon Tetrachloride	7.77	117	194000	18.66	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	177220	17.68	ug/l	95
40) Benzene	8.04	78	571800	19.33	ug/l	100
41) Methacrylonitrile	7.19	41	74311m	22.24	ug/l	
42) 1,2-Dichloroethane	8.13	62	191555	19.55	ug/l	99
43) Isopropyl Acetate	8.17	43	252243	21.66	ug/l	98
44) Trichloroethene	8.84	130	144882	18.68	ug/l	97
45) 1,2-Dichloropropane	9.12	63	153461	19.23	ug/l	98
46) Dibromomethane	9.21	93	94178	19.03	ug/l	99
47) Bromodichloromethane	9.40	83	201105	19.65	ug/l	97
48) Methyl methacrylate	9.20	41	111025	19.01	ug/l	98
49) 1,4-Dioxane	9.20	88	30854	372.39	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	648890	99.70	ug/l	98
52) Toluene	10.16	92	350093	19.84	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	186550	18.43	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	215036	19.23	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	135779	18.63	ug/l	99
56) Ethyl methacrylate	10.43	69	161786	17.97	ug/l	98
57) 1,3-Dichloropropane	10.71	76	223544	19.47	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	394898	92.23	ug/l	99
59) 2-Hexanone	10.75	43	419185	95.89	ug/l	98
60) Dibromochloromethane	10.90	129	151063	18.90	ug/l	99
61) 1,2-Dibromoethane	11.01	107	129551	19.02	ug/l	98
64) Tetrachloroethene	10.63	164	137396	19.82	ug/l	98
65) Chlorobenzene	11.44	112	377822	19.49	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	146734	19.54	ug/l	98
67) Ethyl Benzene	11.51	91	613915	19.52	ug/l	99
68) m/p-Xylenes	11.62	106	485917	40.82	ug/l	98
69) o-Xylene	11.95	106	225332	19.71	ug/l	99
70) Styrene	11.97	104	377906	20.41	ug/l	100
71) Bromoform	12.13	173	104012	19.36	ug/l #	100
73) Isopropylbenzene	12.25	105	609448	20.40	ug/l	100
74) N-amyl acetate	12.07	43	178045	19.58	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	172678	19.29	ug/l	97
76) 1,2,3-Trichloropropane	12.56	75	138243m	18.74	ug/l	
77) Bromobenzene	12.53	156	163334	19.80	ug/l	98
78) n-propylbenzene	12.59	91	693335	20.41	ug/l	100
79) 2-Chlorotoluene	12.68	91	428882	20.56	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	501174	20.93	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	40586	17.20	ug/l	93
82) 4-Chlorotoluene	12.77	91	434734	20.78	ug/l	99
83) tert-Butylbenzene	12.99	119	427916	20.35	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	512322	21.12	ug/l	100
85) sec-Butylbenzene	13.17	105	569059	20.48	ug/l	99
86) p-Isopropyltoluene	13.29	119	488040	20.60	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	283218	19.70	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	274077	19.02	ug/l	99
89) n-Butylbenzene	13.62	91	374151	19.13	ug/l	99
90) Hexachloroethane	13.88	117	98625	18.55	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	283442	20.06	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	26875	19.43	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	125868	18.50	ug/l	99
94) Hexachlorobutadiene	15.01	225	85083	18.37	ug/l	99
95) Naphthalene	15.14	128	272048	17.78	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	133144	19.64	ug/l	99

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

