

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071718\
 Data File : VN049851.D
 Acq On : 17 Jul 2018 17:26
 Operator : MD\SY
 Sample : VN0717WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/18/2018 11:59:16 AM

Quant Time: Jul 18 03:59:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 17 13:20:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	620934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	923733	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	837863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	436160	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	439062	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
35) Dibromofluoromethane	7.59	113	385712	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	
50) Toluene-d8	10.09	98	1420032	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
62) 4-Bromofluorobenzene	12.40	95	478414	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	118415	21.26	ug/l	98
3) Chloromethane	2.06	50	156923	21.15	ug/l	99
4) Vinyl Chloride	2.18	62	171820	19.34	ug/l	99
5) Bromomethane	2.56	94	112076	23.37	ug/l	98
6) Chloroethane	2.70	64	108929	21.04	ug/l	100
7) Trichlorofluoromethane	3.01	101	235377	21.75	ug/l	97
8) Diethyl Ether	3.41	74	87846	20.58	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	142960	22.08	ug/l	99
10) Methyl Iodide	3.95	142	185894	20.73	ug/l	99
11) Tert butyl alcohol	4.82	59	75941	114.98	ug/l #	86
12) 1,1-Dichloroethene	3.73	96	131307	20.27	ug/l	97
13) Acrolein	3.61	56	56948	113.28	ug/l	97
14) Allyl chloride	4.32	41	214535	20.86	ug/l	99
15) Acrylonitrile	5.00	53	292986	105.45	ug/l	99
16) Acetone	3.82	43	232021	119.02	ug/l	99
17) Carbon Disulfide	4.04	76	375353	21.07	ug/l	98
18) Methyl Acetate	4.33	43	160183	22.83	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	403203	22.29	ug/l	100
20) Methylene Chloride	4.55	84	153414	21.57	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	140717	20.55	ug/l	97
22) Diisopropyl ether	5.96	45	454276	22.10	ug/l	100
23) Vinyl Acetate	5.90	43	1657498	109.62	ug/l	99
24) 1,1-Dichloroethane	5.85	63	267528	20.30	ug/l	99
25) 2-Butanone	6.85	43	359465	104.99	ug/l	100
26) 2,2-Dichloropropane	6.83	77	213505	21.28	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	161787	21.08	ug/l	98
28) Bromochloromethane	7.20	49	133341	21.80	ug/l	97
29) Tetrahydrofuran	7.22	42	234036	107.51	ug/l	99
30) Chloroform	7.37	83	276801	20.35	ug/l	99
31) Cyclohexane	7.65	56	227950	21.67	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	238259	20.62	ug/l	99
36) 1,1-Dichloropropene	7.79	75	201895	20.66	ug/l	99
37) Ethyl Acetate	6.94	43	163483	22.43	ug/l	98
38) Carbon Tetrachloride	7.78	117	207853	20.19	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	206507	20.52	ug/l	98
40) Benzene	8.04	78	611512	20.64	ug/l	100
41) Methacrylonitrile	7.18	41	75258	20.11	ug/l #	91
42) 1,2-Dichloroethane	8.13	62	204180	20.27	ug/l	100
43) Isopropyl Acetate	8.17	43	270101	21.78	ug/l	97
44) Trichloroethene	8.84	130	160322	20.57	ug/l	96
45) 1,2-Dichloropropane	9.12	63	162976	20.65	ug/l	100
46) Dibromomethane	9.21	93	103740	20.60	ug/l	98
47) Bromodichloromethane	9.41	83	209305	20.45	ug/l	97
48) Methyl methacrylate	9.20	41	132600	21.56	ug/l	99
49) 1,4-Dioxane	9.20	88	40348	432.81	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	795269	109.02	ug/l	100
52) Toluene	10.16	92	380675	21.44	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	213697	21.39	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	241336	21.52	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	149985	20.59	ug/l	99
56) Ethyl methacrylate	10.43	69	194088	21.99	ug/l	98
57) 1,3-Dichloropropane	10.71	76	244958	20.76	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	478673	114.91	ug/l	100
59) 2-Hexanone	10.75	43	549462	109.86	ug/l	100
60) Dibromochloromethane	10.90	129	166894	20.57	ug/l	97
61) 1,2-Dibromoethane	11.01	107	148748	20.83	ug/l	99
64) Tetrachloroethene	10.63	164	144457	20.27	ug/l	98
65) Chlorobenzene	11.44	112	413097	20.79	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	156990	20.58	ug/l	99
67) Ethyl Benzene	11.51	91	684749	21.44	ug/l	99
68) m/p-Xylenes	11.62	106	538923	44.48	ug/l	99
69) o-Xylene	11.95	106	256033	22.16	ug/l	99
70) Styrene	11.97	104	420144	22.44	ug/l	99
71) Bromoform	12.13	173	119365	20.32	ug/l #	97
73) Isopropylbenzene	12.25	105	690495	21.86	ug/l	100
74) N-amyl acetate	12.07	43	225325	21.59	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	202773	20.02	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	177013m	20.74	ug/l	
77) Bromobenzene	12.53	156	182454	21.07	ug/l	97
78) n-propylbenzene	12.59	91	781085	21.98	ug/l	99
79) 2-Chlorotoluene	12.68	91	477486	21.76	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	573017	23.15	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	54361	20.85	ug/l	95
82) 4-Chlorotoluene	12.78	91	474679	21.90	ug/l	99
83) tert-Butylbenzene	12.99	119	484515	22.33	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	577472	22.88	ug/l	100
85) sec-Butylbenzene	13.17	105	653931	22.41	ug/l	100
86) p-Isopropyltoluene	13.29	119	559253	22.66	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	318225	21.38	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	309499	21.17	ug/l	99
89) n-Butylbenzene	13.62	91	444795	21.98	ug/l	99
90) Hexachloroethane	13.88	117	106063	21.10	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	316985	20.95	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	34253	22.66	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	158325	23.50	ug/l	98
94) Hexachlorobutadiene	15.01	225	96963	20.51	ug/l	99
95) Naphthalene	15.14	128	400505	23.10	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	167804	23.55	ug/l	100

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

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