

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062018\
 Data File : VN049438.D
 Acq On : 20 Jun 2018 16:01
 Operator : MD\SY
 Sample : VN0620WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0620WBSD01

Manual Integrations
 APPROVED

apatel
 6/21/2018 12:00:32 PM

Quant Time: Jun 21 01:50:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1405944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2142118	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1950380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	949735	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1022102	54.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.62%	
35) Dibromofluoromethane	7.59	113	900950	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
50) Toluene-d8	10.09	98	3247488	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
62) 4-Bromofluorobenzene	12.40	95	1107653	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	312539	19.31	ug/l	99
3) Chloromethane	2.06	50	397152	19.01	ug/l	98
4) Vinyl Chloride	2.18	62	423982	19.09	ug/l	99
5) Bromomethane	2.56	94	227252	19.47	ug/l	96
6) Chloroethane	2.70	64	271935	20.54	ug/l	100
7) Trichlorofluoromethane	3.01	101	553194	19.97	ug/l	99
8) Diethyl Ether	3.41	74	215000	22.23	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.75	101	343128	19.53	ug/l	92
10) Methyl Iodide	3.95	142	357450	19.54	ug/l	92
11) Tert butyl alcohol	4.80	59	133903	122.34	ug/l	98
12) 1,1-Dichloroethene	3.73	96	314190	19.49	ug/l	87
13) Acrolein	3.61	56	153769	133.97	ug/l	100
14) Allyl chloride	4.32	41	513011	20.15	ug/l	90
15) Acrylonitrile	4.99	53	626399	114.46	ug/l	98
16) Acetone	3.82	43	525897	116.15	ug/l	91
17) Carbon Disulfide	4.05	76	918688	18.18	ug/l	100
18) Methyl Acetate	4.33	43	340411	24.66	ug/l	94
19) Methyl tert-butyl Ether	5.05	73	940115	22.87	ug/l	99
20) Methylene Chloride	4.55	84	385745	20.40	ug/l	92
21) trans-1,2-Dichloroethene	5.04	96	335631	19.67	ug/l	95
22) Diisopropyl ether	5.95	45	1132949	22.29	ug/l	97
23) Vinyl Acetate	5.90	43	3761138	113.51	ug/l	96
24) 1,1-Dichloroethane	5.85	63	667387	20.51	ug/l	99
25) 2-Butanone	6.84	43	715083	117.62	ug/l	96
26) 2,2-Dichloropropane	6.82	77	529334	20.15	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	393567	20.74	ug/l	93
28) Bromochloromethane	7.19	49	325376	22.56	ug/l	85
29) Tetrahydrofuran	7.21	42	457472	116.90	ug/l	93
30) Chloroform	7.37	83	679092	20.97	ug/l	100
31) Cyclohexane	7.65	56	547429	19.74	ug/l	92
32) 1,1,1-Trichloroethane	7.57	97	548968	19.87	ug/l	97
36) 1,1-Dichloropropene	7.79	75	473866	19.30	ug/l	96
37) Ethyl Acetate	6.93	43	318212	23.84	ug/l	99
38) Carbon Tetrachloride	7.77	117	487507	19.18	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	492140	18.67	ug/l	98
40) Benzene	8.04	78	1505437	20.00	ug/l	100
41) Methacrylonitrile	7.18	41	171310	23.74	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	491980	21.16	ug/l	97
43) Isopropyl Acetate	8.17	43	614528	24.10	ug/l	99
44) Trichloroethene	8.83	130	401557	20.20	ug/l	97
45) 1,2-Dichloropropane	9.12	63	405254	20.56	ug/l	98
46) Dibromomethane	9.21	93	248089	21.71	ug/l	91
47) Bromodichloromethane	9.40	83	519212	20.68	ug/l	96
48) Methyl methacrylate	9.20	41	277945	23.15	ug/l	88
49) 1,4-Dioxane	9.20	88	76131	459.34	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	1577035	117.99	ug/l	94
52) Toluene	10.16	92	926066	20.96	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	515281	21.45	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	593629	20.93	ug/l #	89
55) 1,1,2-Trichloroethane	10.56	97	360954	21.92	ug/l	96
56) Ethyl methacrylate	10.43	69	427844	22.52	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	586635	21.50	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	632494	102.11	ug/l	95
59) 2-Hexanone	10.75	43	1032031	119.77	ug/l	94
60) Dibromochloromethane	10.90	129	394910	21.49	ug/l	98
61) 1,2-Dibromoethane	11.01	107	335219	21.90	ug/l	99
64) Tetrachloroethene	10.63	164	429604	21.50	ug/l	97
65) Chlorobenzene	11.44	112	1006698	20.04	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	379644	20.08	ug/l	100
67) Ethyl Benzene	11.51	91	1678299	20.14	ug/l	98
68) m/p-Xylenes	11.62	106	1300261	41.57	ug/l	97
69) o-Xylene	11.95	106	623579	20.70	ug/l	96
70) Styrene	11.97	104	1012997	21.32	ug/l	98
71) Bromoform	12.13	173	267243	21.84	ug/l	98
73) Isopropylbenzene	12.25	105	1642801	19.70	ug/l	98
74) N-amyl acetate	12.07	43	443184	21.70	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	405421	22.40	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	338210m	20.87	ug/l	
77) Bromobenzene	12.53	156	431097	19.57	ug/l	92
78) n-propylbenzene	12.59	91	1844478	20.14	ug/l	99
79) 2-Chlorotoluene	12.68	91	1151173	19.84	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	1342938	20.49	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	110123	21.48	ug/l	93
82) 4-Chlorotoluene	12.78	91	1151692	20.58	ug/l	98
83) tert-Butylbenzene	12.99	119	1114341	19.19	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	1363844	20.95	ug/l	99
85) sec-Butylbenzene	13.17	105	1483480	19.19	ug/l	99
86) p-Isopropyltoluene	13.29	119	1276717	19.77	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	715310	19.74	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	705156	19.63	ug/l	99
89) n-Butylbenzene	13.62	91	956080	18.96	ug/l	98
90) Hexachloroethane	13.88	117	256485	19.97	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	722089	20.32	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	60582	20.87	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	245351	18.38	ug/l	99
94) Hexachlorobutadiene	15.01	225	218903	19.39	ug/l	99
95) Naphthalene	15.14	128	509647	20.44	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	274855	19.53	ug/l	99

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

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