

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062018\
 Data File : VN049437.D
 Acq On : 20 Jun 2018 15:22
 Operator : MD\SY
 Sample : VN0620WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0620WBS01

Manual Integrations
 APPROVED

apatel
 6/21/2018 12:00:28 PM

Quant Time: Jun 21 01:48:11 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	1526547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2254577	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2028497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	988382	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	879596	43.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.88%	
35) Dibromofluoromethane	7.59	113	794641	43.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.12%	
50) Toluene-d8	10.09	98	2940240	42.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.66%	
62) 4-Bromofluorobenzene	12.40	95	982690	42.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	364442	20.74	ug/l	98
3) Chloromethane	2.06	50	444796	19.60	ug/l	98
4) Vinyl Chloride	2.18	62	482346	20.00	ug/l	99
5) Bromomethane	2.57	94	229807	18.13	ug/l	96
6) Chloroethane	2.70	64	295781	20.57	ug/l	98
7) Trichlorofluoromethane	3.01	101	638361	21.22	ug/l	98
8) Diethyl Ether	3.41	74	216006	20.57	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.75	101	398127	20.87	ug/l	93
10) Methyl Iodide	3.95	142	385359	19.40	ug/l	92
11) Tert butyl alcohol	4.79	59	130976	110.22	ug/l	96
12) 1,1-Dichloroethene	3.73	96	354537	20.26	ug/l	89
13) Acrolein	3.61	56	174889	140.34	ug/l	100
14) Allyl chloride	4.32	41	560726	20.29	ug/l	90
15) Acrylonitrile	4.99	53	636327	107.09	ug/l	98
16) Acetone	3.82	43	559286	113.77	ug/l	93
17) Carbon Disulfide	4.05	76	1049859	19.14	ug/l	99
18) Methyl Acetate	4.33	43	347994	23.22	ug/l	95
19) Methyl tert-butyl Ether	5.05	73	956592	21.44	ug/l	100
20) Methylene Chloride	4.55	84	410441	19.99	ug/l	92
21) trans-1,2-Dichloroethene	5.04	96	370140	19.97	ug/l	92
22) Diisopropyl ether	5.95	45	1173902	21.27	ug/l	97
23) Vinyl Acetate	5.90	43	3844195	106.85	ug/l	97
24) 1,1-Dichloroethane	5.85	63	715398	20.25	ug/l	99
25) 2-Butanone	6.84	43	739685	112.05	ug/l	96
26) 2,2-Dichloropropane	6.82	77	601044	21.07	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	420691	20.42	ug/l	93
28) Bromochloromethane	7.19	49	286267	18.28	ug/l #	82
29) Tetrahydrofuran	7.21	42	460292	108.32	ug/l	94
30) Chloroform	7.37	83	720993	20.51	ug/l	99
31) Cyclohexane	7.65	56	629974	20.93	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	616598	20.56	ug/l	97
36) 1,1-Dichloropropene	7.79	75	542370	20.99	ug/l	98
37) Ethyl Acetate	6.93	43	321117	22.86	ug/l	98
38) Carbon Tetrachloride	7.77	117	545914	20.41	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	576121	20.77	ug/l	95
40) Benzene	8.04	78	1632842	20.61	ug/l	99
41) Methacrylonitrile	7.21	41	453532	59.72	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	509089	20.80	ug/l	97
43) Isopropyl Acetate	8.17	43	647291	24.12	ug/l	99
44) Trichloroethene	8.83	130	437388	20.91	ug/l	95
45) 1,2-Dichloropropane	9.12	63	426169	20.55	ug/l	98
46) Dibromomethane	9.21	93	251228	20.89	ug/l	90
47) Bromodichloromethane	9.40	83	554389	20.98	ug/l	98
48) Methyl methacrylate	9.20	41	280052	22.16	ug/l	89
49) 1,4-Dioxane	9.20	88	79135	453.64	ug/l #	92
51) 4-Methyl-2-Pentanone	9.99	43	1581197	112.41	ug/l	94
52) Toluene	10.16	92	996759	21.44	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	536261	21.21	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	622132	20.84	ug/l	89
55) 1,1,2-Trichloroethane	10.56	97	358832	20.70	ug/l	97
56) Ethyl methacrylate	10.43	69	441772	22.09	ug/l #	85
57) 1,3-Dichloropropane	10.71	76	603027	21.00	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	414270	68.95	ug/l	95
59) 2-Hexanone	10.75	43	1050582	115.84	ug/l	94
60) Dibromochloromethane	10.90	129	401903	20.77	ug/l	99
61) 1,2-Dibromoethane	11.01	107	339146	21.05	ug/l	98
64) Tetrachloroethene	10.63	164	478747	23.03	ug/l	97
65) Chlorobenzene	11.44	112	1078232	20.63	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	403289	20.51	ug/l	99
67) Ethyl Benzene	11.51	91	1836634	21.19	ug/l	98
68) m/p-Xylenes	11.62	106	1425021	43.81	ug/l	96
69) o-Xylene	11.95	106	670994	21.42	ug/l	96
70) Styrene	11.97	104	1086393	21.98	ug/l	98
71) Bromoform	12.13	173	269456	21.17	ug/l #	98
73) Isopropylbenzene	12.25	105	1803372	20.78	ug/l	98
74) N-amyl acetate	12.07	43	445458	20.96	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.51	83	408299	21.60	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	339787m	20.15	ug/l	
77) Bromobenzene	12.53	156	448760	19.58	ug/l	92
78) n-propylbenzene	12.59	91	2038749	21.40	ug/l	98
79) 2-Chlorotoluene	12.68	91	1251163	20.72	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	1471601	21.57	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	108461	20.33	ug/l	94
82) 4-Chlorotoluene	12.78	91	1247284	21.41	ug/l	98
83) tert-Butylbenzene	12.99	119	1237808	20.48	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1486483	21.94	ug/l	99
85) sec-Butylbenzene	13.17	105	1669545	20.76	ug/l	99
86) p-Isopropyltoluene	13.29	119	1420958	21.15	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	770706	20.44	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	747241	19.99	ug/l	99
89) n-Butylbenzene	13.62	91	1072611	20.44	ug/l	98
90) Hexachloroethane	13.88	117	279035	20.96	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	751039	20.31	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	59891	19.82	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	260194	18.64	ug/l	98
94) Hexachlorobutadiene	15.01	225	247716	21.34	ug/l	98
95) Naphthalene	15.14	128	488907	19.07	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	276237	18.97	ug/l	96

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

