

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062918\
 Data File : VN049626.D
 Acq On : 29 Jun 2018 11:19
 Operator : MD\SY
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

apatel
 7/2/2018 2:19:26 PM

Quant Time: Jun 30 00:28:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:18:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1292347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2043806	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1765167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	843995	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	93452	5.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.96%	
35) Dibromofluoromethane	7.59	113	83029	5.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.86%	
50) Toluene-d8	10.09	98	289720	4.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.68%	
62) 4-Bromofluorobenzene	12.40	95	89426	4.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	71781	4.93	ug/l	100
3) Chloromethane	2.06	50	94572	5.20	ug/l	99
4) Vinyl Chloride	2.18	62	102604	5.25	ug/l	100
5) Bromomethane	2.56	94	50245	4.90	ug/l	93
6) Chloroethane	2.70	64	68174	5.51	ug/l	99
7) Trichlorofluoromethane	3.01	101	132131	5.92	ug/l	97
8) Diethyl Ether	3.41	74	48003	5.31	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	91272	5.68	ug/l	98
10) Methyl Iodide	3.95	142	97216	4.84	ug/l	97
11) Tert butyl alcohol	4.80	59	25471	26.01	ug/l #	88
12) 1,1-Dichloroethene	3.73	96	83282	5.49	ug/l	94
13) Acrolein	3.61	56	37155	40.62	ug/l	98
14) Allyl chloride	4.32	41	124662	5.98	ug/l	98
15) Acrylonitrile	5.00	53	127483	25.20	ug/l	100
16) Acetone	3.82	43	115879	27.41	ug/l	98
17) Carbon Disulfide	4.05	76	233185	5.07	ug/l	98
18) Methyl Acetate	4.33	43	198118	7.70	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	194403	4.97	ug/l	98
20) Methylene Chloride	4.55	84	98179	5.59	ug/l	94
21) trans-1,2-Dichloroethene	5.04	96	82312	5.27	ug/l	97
22) Diisopropyl ether	5.96	45	238187	5.05	ug/l	97
23) Vinyl Acetate	5.90	43	718231	23.48	ug/l	100
24) 1,1-Dichloroethane	5.85	63	164158	5.52	ug/l	99
25) 2-Butanone	6.84	43	139817	24.68	ug/l	98
26) 2,2-Dichloropropane	6.82	77	135165	5.48	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	89262	5.12	ug/l	95
28) Bromochloromethane	7.20	49	67199	5.33	ug/l	98
29) Tetrahydrofuran	7.22	42	84238	23.33	ug/l	99
30) Chloroform	7.37	83	168013	5.55	ug/l	97
31) Cyclohexane	7.65	56	148253	5.07	ug/l #	85
32) 1,1,1-Trichloroethane	7.57	97	140368	5.47	ug/l	99
36) 1,1-Dichloropropene	7.79	75	115545	5.03	ug/l	99
37) Ethyl Acetate	6.93	43	65747	4.90	ug/l #	78
38) Carbon Tetrachloride	7.77	117	114792	5.13	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	120943	4.80	ug/l	97
40) Benzene	8.04	78	365584	5.21	ug/l	99
41) Methacrylonitrile	7.18	41	37154	5.19	ug/l	95
42) 1,2-Dichloroethane	8.13	62	117103	5.23	ug/l	99
43) Isopropyl Acetate	8.17	43	165394	5.22	ug/l #	88
44) Trichloroethene	8.84	130	112397	5.31	ug/l	99
45) 1,2-Dichloropropane	9.12	63	96975	5.35	ug/l	99
46) Dibromomethane	9.21	93	58766	5.35	ug/l	97
47) Bromodichloromethane	9.40	83	120966	5.18	ug/l	98
48) Methyl methacrylate	9.20	41	54278	4.55	ug/l	99
49) 1,4-Dioxane	9.20	88	14848	92.67	ug/l #	84
51) 4-Methyl-2-Pentanone	9.99	43	308407	23.45	ug/l	96
52) Toluene	10.16	92	209150	4.93	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	103793	4.64	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	123040	4.71	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	82024	5.19	ug/l	99
56) Ethyl methacrylate	10.43	69	77203	4.17	ug/l	95
57) 1,3-Dichloropropane	10.71	76	131016	5.12	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	177370	20.58	ug/l	98
59) 2-Hexanone	10.75	43	190163	21.87	ug/l	95
60) Dibromochloromethane	10.90	129	83217	4.88	ug/l	98
61) 1,2-Dibromoethane	11.01	107	74261	4.91	ug/l	97
64) Tetrachloroethene	10.63	164	133328	5.58	ug/l	99
65) Chlorobenzene	11.44	112	238920	5.19	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	87040	5.26	ug/l	99
67) Ethyl Benzene	11.51	91	370761	4.87	ug/l	99
68) m/p-Xylenes	11.62	106	282756	9.69	ug/l	98
69) o-Xylene	11.95	106	136047	4.87	ug/l	99
70) Styrene	11.96	104	208531	4.61	ug/l	99
71) Bromoform	12.13	173	52093	4.74	ug/l #	98
73) Isopropylbenzene	12.25	105	354507	5.27	ug/l	100
74) N-amyl acetate	12.07	43	83371	4.54	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.51	83	87459	5.51	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	72732m	4.96	ug/l	
77) Bromobenzene	12.53	156	95068	5.20	ug/l	99
78) n-propylbenzene	12.59	91	391894	5.09	ug/l	100
79) 2-Chlorotoluene	12.68	91	253494	5.20	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	284232	5.09	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	18630	4.67	ug/l	87
82) 4-Chlorotoluene	12.77	91	252274	5.15	ug/l	100
83) tert-Butylbenzene	12.99	119	252285	5.26	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	288708	5.03	ug/l	99
85) sec-Butylbenzene	13.17	105	330127	5.19	ug/l	99
86) p-Isopropyltoluene	13.29	119	271639	4.93	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	167313	4.96	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	166262	4.93	ug/l	97
89) n-Butylbenzene	13.62	91	214851	4.56	ug/l	97
90) Hexachloroethane	13.88	117	26561	4.59	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	168370	5.13	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12507	4.51	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	47898	3.17	ug/l	100
94) Hexachlorobutadiene	15.01	225	56123	5.36	ug/l	98
95) Naphthalene	15.14	128	83725	2.58	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	54305	3.49	ug/l	97

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

