

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062918\
 Data File : VN049625.D
 Acq On : 29 Jun 2018 10:54
 Operator : MD\SY
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

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

Quant Time: Jun 30 00:27:18 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	1155027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1915106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1592292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	646987	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	17685	1.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.32%	
35) Dibromofluoromethane	7.59	113	15470	1.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.16%	
50) Toluene-d8	10.09	98	48222	0.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.72%	
62) 4-Bromofluorobenzene	12.40	95	17654	0.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	13664	1.05	ug/l	94
3) Chloromethane	2.06	50	19004	1.17	ug/l	91
4) Vinyl Chloride	2.18	62	19967	1.14	ug/l	92
5) Bromomethane	2.57	94	10644	1.16	ug/l	96
6) Chloroethane	2.70	64	12952	1.17	ug/l	95
7) Trichlorofluoromethane	3.02	101	26294	1.32	ug/l	95
8) Diethyl Ether	3.41	74	8574	1.06	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.75	101	16705	1.16	ug/l	94
10) Methyl Iodide	3.94	142	17426	0.97	ug/l #	97
11) Tert butyl alcohol	4.79	59	1441	1.65	ug/l #	86
12) 1,1-Dichloroethene	3.73	96	15502	1.14	ug/l	90
13) Acrolein	3.60	56	7678	9.39	ug/l	90
14) Allyl chloride	4.32	41	21129	1.13	ug/l	97
15) Acrylonitrile	4.99	53	20450	4.52	ug/l #	94
16) Acetone	3.82	43	41657	11.03	ug/l	98
17) Carbon Disulfide	4.05	76	43560	1.06	ug/l	99
18) Methyl Acetate	4.33	43	80678	3.51	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	32583	0.93	ug/l #	89
20) Methylene Chloride	4.55	84	20384	1.30	ug/l	85
21) trans-1,2-Dichloroethene	5.05	96	14448m	1.03	ug/l	
22) Diisopropyl ether	5.95	45	38265	0.91	ug/l #	90
23) Vinyl Acetate	5.90	43	111524	4.08	ug/l	100
24) 1,1-Dichloroethane	5.84	63	29589	1.11	ug/l	97
25) 2-Butanone	6.84	43	24118	4.76	ug/l	94
26) 2,2-Dichloropropane	6.82	77	25503	1.16	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	16532	1.06	ug/l	98
28) Bromochloromethane	7.19	49	10697	0.95	ug/l	97
29) Tetrahydrofuran	7.22	42	14965	4.64	ug/l #	78
30) Chloroform	7.37	83	31740	1.17	ug/l	97
31) Cyclohexane	7.65	56	39025	1.49	ug/l #	42
32) 1,1,1-Trichloroethane	7.57	97	25456	1.11	ug/l #	51
36) 1,1-Dichloropropene	7.79	75	19350	0.90	ug/l #	83
37) Ethyl Acetate	6.93	43	10008m	0.80	ug/l	
38) Carbon Tetrachloride	7.77	117	22939	1.09	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	21162	0.90	ug/l	95
40) Benzene	8.04	78	63751	0.97	ug/l	98
41) Methacrylonitrile	7.18	41	4573	0.68	ug/l #	84
42) 1,2-Dichloroethane	8.12	62	21791	1.04	ug/l	99
43) Isopropyl Acetate	8.18	43	55683	1.88	ug/l #	77
44) Trichloroethene	8.83	130	18653	0.94	ug/l	93
45) 1,2-Dichloropropane	9.12	63	18122	1.07	ug/l	96
46) Dibromomethane	9.21	93	10203	0.99	ug/l	95
47) Bromodichloromethane	9.41	83	22408	1.02	ug/l #	97
48) Methyl methacrylate	9.20	41	9228	0.83	ug/l	94
49) 1,4-Dioxane	9.20	88	2610	17.38	ug/l #	92
51) 4-Methyl-2-Pentanone	9.99	43	45140	3.66	ug/l	96
52) Toluene	10.16	92	32172	0.81	ug/l	95
53) t-1,3-Dichloropropene	10.38	75	16480	0.79	ug/l #	77
54) cis-1,3-Dichloropropene	9.84	75	20010	0.82	ug/l #	88
55) 1,1,2-Trichloroethane	10.57	97	15032	1.02	ug/l	89
56) Ethyl methacrylate	10.43	69	12512	0.72	ug/l	99
57) 1,3-Dichloropropane	10.71	76	23173	0.97	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	21133	2.62	ug/l	97
59) 2-Hexanone	10.75	43	29736	3.65	ug/l	96
60) Dibromochloromethane	10.90	129	14425	0.90	ug/l	100
61) 1,2-Dibromoethane	11.01	107	13014	0.92	ug/l	96
64) Tetrachloroethene	10.63	164	22767	1.06	ug/l	93
65) Chlorobenzene	11.44	112	42192	1.02	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.51	131	15169	1.02	ug/l #	65
67) Ethyl Benzene	11.51	91	58490	0.85	ug/l	95
68) m/p-Xylenes	11.62	106	41901	1.59	ug/l	97
69) o-Xylene	11.95	106	20860	0.83	ug/l	95
70) Styrene	11.96	104	30240	0.74	ug/l	98
71) Bromoform	12.13	173	9416	0.95	ug/l #	90
73) Isopropylbenzene	12.25	105	47205	0.92	ug/l	91
74) N-amyl acetate	12.07	43	11393	0.81	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.51	83	14638	1.20	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	10963m	0.98	ug/l	
77) Bromobenzene	12.53	156	15024	1.07	ug/l	95
78) n-propylbenzene	12.59	91	51552	0.87	ug/l	98
79) 2-Chlorotoluene	12.67	91	37473	1.00	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	35798	0.84	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.31	75	3041	1.00	ug/l #	86
82) 4-Chlorotoluene	12.78	91	33594	0.89	ug/l	99
83) tert-Butylbenzene	12.99	119	33846	0.92	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	36719	0.83	ug/l	100
85) sec-Butylbenzene	13.17	105	43661	0.90	ug/l	98
86) p-Isopropyltoluene	13.29	119	32489	0.77	ug/l	93
87) 1,3-Dichlorobenzene	13.28	146	22952	0.89	ug/l	95
88) 1,4-Dichlorobenzene	13.36	146	25913m	1.00	ug/l	
89) n-Butylbenzene	13.62	91	27789	0.77	ug/l	97
90) Hexachloroethane	13.87	117	6150	1.39	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	23081	0.92	ug/l	91
92) 1,2-Dibromo-3-Chloropropan	14.27	75	2553	1.20	ug/l	75

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	5898	0.51	ug/l	85
94) Hexachlorobutadiene	15.01	225	8660	1.08	ug/l	95
95) Naphthalene	15.13	128	12718	0.51	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.32	180	7631	0.64	ug/l	92

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

