

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062918\
 Data File : VN049632.D
 Acq On : 29 Jun 2018 14:26
 Operator : MD\SY
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

apatel
 7/2/2018 2:19:43 PM

Quant Time: Jun 30 00:46:25 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	7.67	168	1232995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1948901	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1627337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	683047	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	13292	0.96	ug/l	94
3) Chloromethane	2.06	50	19384	1.12	ug/l	96
4) Vinyl Chloride	2.18	62	19335	1.04	ug/l	95
5) Bromomethane	2.57	94	12659	1.29	ug/l	95
6) Chloroethane	2.70	64	12895	1.09	ug/l	97
7) Trichlorofluoromethane	3.02	101	23706	1.11	ug/l	91
8) Diethyl Ether	3.41	74	9425	1.09	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.75	101	16364m	1.07	ug/l	
12) 1,1-Dichloroethene	3.73	96	16617	1.15	ug/l	86
14) Allyl chloride	4.32	41	22411	1.13	ug/l	97
15) Acrylonitrile	5.00	53	25611	5.31	ug/l #	88
16) Acetone	3.82	43	33538	8.32	ug/l	100
17) Carbon Disulfide	4.05	76	60705	1.38	ug/l	98
18) Methyl Acetate	4.33	43	51766	2.11	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	39078m	1.05	ug/l	
20) Methylene Chloride	4.55	84	20698	1.23	ug/l	92
21) trans-1,2-Dichloroethene	5.04	96	16160	1.08	ug/l	90
22) Diisopropyl ether	5.95	45	42224	0.94	ug/l #	84
23) Vinyl Acetate	5.90	43	131679	4.51	ug/l	97
24) 1,1-Dichloroethane	5.85	63	30429	1.07	ug/l	97
25) 2-Butanone	6.84	43	29961	5.54	ug/l	91
26) 2,2-Dichloropropane	6.83	77	25517	1.08	ug/l	76
27) cis-1,2-Dichloroethene	6.83	96	17153	1.03	ug/l	92
28) Bromochloromethane	7.20	49	11599	0.96	ug/l	96
29) Tetrahydrofuran	7.23	42	17156	4.98	ug/l	96
30) Chloroform	7.37	83	30626	1.06	ug/l	86
31) Cyclohexane	7.66	56	42566	1.52	ug/l #	28
32) 1,1,1-Trichloroethane	7.56	97	25008	1.02	ug/l #	49
36) 1,1-Dichloropropene	7.80	75	20628	0.94	ug/l	97
37) Ethyl Acetate	6.94	43	11478	0.90	ug/l #	90
38) Carbon Tetrachloride	7.77	117	21672	1.02	ug/l	90
39) Methylcyclohexane	9.08	83	23947	1.00	ug/l	96
40) Benzene	8.04	78	66910	1.00	ug/l	91
41) Methacrylonitrile	7.18	41	5962	0.87	ug/l #	73

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

42) 1,2-Dichloroethane	8.12	62	22887	1.07	ug/l	99
43) Isopropyl Acetate	8.18	43	49671	1.64	ug/l #	81
44) Trichloroethene	8.84	130	21796	1.08	ug/l	94
45) 1,2-Dichloropropane	9.12	63	15669	0.91	ug/l	92
46) Dibromomethane	9.21	93	10208	0.98	ug/l #	91
47) Bromodichloromethane	9.40	83	21657	0.97	ug/l #	99
48) Methyl methacrylate	9.20	41	10577	0.93	ug/l	98
49) 1,4-Dioxane	9.21	88	2861	18.73	ug/l #	53
51) 4-Methyl-2-Pentanone	9.99	43	61178	4.88	ug/l	94
52) Toluene	10.16	92	38143	0.94	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	19714	0.92	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	22576	0.91	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	15749	1.05	ug/l	96
56) Ethyl methacrylate	10.43	69	15340	0.87	ug/l	98
57) 1,3-Dichloropropane	10.71	76	22516	0.92	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.70	63	36668	4.46	ug/l	100
59) 2-Hexanone	10.75	43	41023	4.95	ug/l	98
60) Dibromochloromethane	10.90	129	14967	0.92	ug/l	92
61) 1,2-Dibromoethane	11.01	107	14359	1.00	ug/l	98
64) Tetrachloroethene	10.63	164	24256	1.10	ug/l	95
65) Chlorobenzene	11.44	112	46532	1.10	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	15228	1.00	ug/l #	61
67) Ethyl Benzene	11.51	91	68549	0.98	ug/l	96
68) m/p-Xylenes	11.62	106	49357	1.84	ug/l	97
69) o-Xylene	11.95	106	22990	0.89	ug/l	98
70) Styrene	11.97	104	35454	0.85	ug/l	97
71) Bromoform	12.13	173	10001	0.99	ug/l #	98
73) Isopropylbenzene	12.25	105	58146	1.07	ug/l	99
74) N-amyl acetate	12.07	43	17271	1.16	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	17343	1.35	ug/l	96
76) 1,2,3-Trichloropropane	12.56	75	13569m	1.14	ug/l	
77) Bromobenzene	12.53	156	18908	1.28	ug/l	98
78) n-propylbenzene	12.59	91	65599	1.05	ug/l	97
79) 2-Chlorotoluene	12.68	91	47991	1.22	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	44919	0.99	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.31	75	3435	1.07	ug/l	94
82) 4-Chlorotoluene	12.78	91	45945	1.16	ug/l	98
83) tert-Butylbenzene	12.99	119	41125	1.06	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	46316	1.00	ug/l	95
85) sec-Butylbenzene	13.17	105	50646	0.98	ug/l	100
86) p-Isopropyltoluene	13.29	119	40376	0.91	ug/l	97
87) 1,3-Dichlorobenzene	13.29	146	36750	1.35	ug/l	94
88) 1,4-Dichlorobenzene	13.36	146	38821	1.42	ug/l	87
89) n-Butylbenzene	13.62	91	40582	1.06	ug/l	95
90) Hexachloroethane	13.87	117	5372	1.15	ug/l	88
91) 1,2-Dichlorobenzene	13.66	146	35438	1.33	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.27	75	3838	1.71	ug/l	72
93) 1,2,4-Trichlorobenzene	14.91	180	17502	1.43	ug/l	95
94) Hexachlorobutadiene	15.01	225	12364	1.46	ug/l	98
95) Naphthalene	15.14	128	40891	1.56	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.32	180	20567	1.64	ug/l	95

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

