

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121218\
 Data File : VN052824.D
 Acq On : 12 Dec 2018 13:52
 Operator : MD\SY
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 12/13/2018 1:35:58 PM

Quant Time: Dec 13 01:06:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 00:28:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	927532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1417720	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1214699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	507754	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	8129	0.851 ug/l	98
3) Chloromethane	2.06	50	9959	0.869 ug/l	99
4) Vinyl Chloride	2.19	62	9584	0.836 ug/l	93
5) Bromomethane	2.58	94	7003	0.990 ug/l	96
6) Chloroethane	2.71	64	6009	0.887 ug/l #	87
7) Trichlorofluoromethane	3.02	101	12236	0.861 ug/l	97
8) Diethyl Ether	3.41	74	3777	0.728 ug/l	72
9) 1,1,2-Trichlorotrifluoroet	3.76	101	7516	0.853 ug/l #	79
10) Methyl Iodide	3.96	142	7526	0.610 ug/l	98
12) 1,1-Dichloroethene	3.74	96	7034	0.825 ug/l	93
14) Allyl chloride	4.33	41	11539	0.828 ug/l #	71
15) Acrylonitrile	5.00	53	11870	3.840 ug/l #	85
16) Acetone	3.82	43	9581	4.325 ug/l	93
17) Carbon Disulfide	4.06	76	24052	0.918 ug/l	99
18) Methyl Acetate	4.33	43	7160	0.881 ug/l	97
19) Methyl tert-butyl Ether	5.05	73	19134	0.826 ug/l	96
20) Methylene Chloride	4.56	84	9573	0.960 ug/l	94
21) trans-1,2-Dichloroethene	5.06	96	8475	0.917 ug/l #	84
22) Diisopropyl ether	5.95	45	24559	0.826 ug/l	98
23) Vinyl Acetate	5.90	43	67348	3.809 ug/l	98
24) 1,1-Dichloroethane	5.85	63	14179	0.827 ug/l #	86
25) 2-Butanone	6.85	43	14775	4.299 ug/l	93
26) 2,2-Dichloropropane	6.82	77	10743	0.851 ug/l #	75
27) cis-1,2-Dichloroethene	6.83	96	8947	0.853 ug/l	98
28) Bromochloromethane	7.20	49	6820	0.886 ug/l #	97
29) Tetrahydrofuran	7.21	42	8959	3.818 ug/l	96
30) Chloroform	7.37	83	14353	0.859 ug/l	90
31) Cyclohexane	7.66	56	28086	1.470 ug/l #	17
32) 1,1,1-Trichloroethane	7.57	97	11360	0.813 ug/l #	51
36) 1,1-Dichloropropene	7.80	75	11318	0.867 ug/l	97
37) Ethyl Acetate	6.93	43	5939	0.757 ug/l #	74
38) Carbon Tetrachloride	7.77	117	9935	0.827 ug/l	92
39) Methylcyclohexane	9.08	83	14053	0.877 ug/l	95
40) Benzene	8.04	78	33553	0.856 ug/l	98

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

41) Methacrylonitrile	7.18	41	3462m	0.797	ug/l	
42) 1,2-Dichloroethane	8.13	62	10154	0.861	ug/l	97
43) Isopropyl Acetate	8.18	43	18818	1.170	ug/l #	77
44) Trichloroethene	8.84	130	9223	0.871	ug/l	96
45) 1,2-Dichloropropane	9.12	63	8407	0.819	ug/l	96
46) Dibromomethane	9.21	93	5107	0.858	ug/l	96
47) Bromodichloromethane	9.40	83	9911	0.803	ug/l	87
48) Methyl methacrylate	9.20	41	5066	0.718	ug/l #	81
49) 1,4-Dioxane	9.20	88	1183	14.780	ug/l #	81
51) 4-Methyl-2-Pentanone	9.99	43	28370	3.848	ug/l	98
52) Toluene	10.16	92	19101	0.805	ug/l	98
53) t-1,3-Dichloropropene	10.39	75	9073	0.730	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	11649	0.787	ug/l #	90
55) 1,1,2-Trichloroethane	10.56	97	7297	0.861	ug/l	89
56) Ethyl methacrylate	10.43	69	8052	0.741	ug/l	97
57) 1,3-Dichloropropane	10.71	76	11987	0.825	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	23322	3.844	ug/l	99
59) 2-Hexanone	10.75	43	19365	3.832	ug/l	97
60) Dibromochloromethane	10.90	129	7219	0.788	ug/l	99
61) 1,2-Dibromoethane	11.01	107	6452	0.770	ug/l	95
64) Tetrachloroethene	10.63	164	9417	0.902	ug/l	96
65) Chlorobenzene	11.43	112	21503	0.853	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	7577	0.865	ug/l #	63
67) Ethyl Benzene	11.51	91	34097	0.788	ug/l	93
68) m/p-Xylenes	11.62	106	25619	1.577	ug/l	99
69) o-Xylene	11.95	106	12729	0.802	ug/l	99
70) Styrene	11.96	104	18812	0.737	ug/l	99
71) Bromoform	12.13	173	4483	0.753	ug/l #	97
73) Isopropylbenzene	12.25	105	32368	0.854	ug/l	99
74) N-amyl acetate	12.07	43	8277	0.795	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	7878	0.927	ug/l	98
76) 1,2,3-Trichloropropane	12.56	75	6847m	0.809	ug/l	
77) Bromobenzene	12.53	156	8450	0.876	ug/l	97
78) n-propylbenzene	12.59	91	35689	0.825	ug/l	99
79) 2-Chlorotoluene	12.68	91	21663	0.848	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	24372	0.796	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.30	75	1760	0.755	ug/l	94
82) 4-Chlorotoluene	12.77	91	22381	0.856	ug/l	99
83) tert-Butylbenzene	12.99	119	22501	0.833	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	24531	0.792	ug/l	98
85) sec-Butylbenzene	13.17	105	29907	0.818	ug/l	100
86) p-Isopropyltoluene	13.29	119	24675	0.779	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	15183	0.886	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	14917m	0.879	ug/l	
89) n-Butylbenzene	13.62	91	20916	0.784	ug/l	95
90) Hexachloroethane	13.88	117	4498	0.848	ug/l	93
91) 1,2-Dichlorobenzene	13.65	146	14565	0.884	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.27	75	997	0.778	ug/l	93
93) 1,2,4-Trichlorobenzene	14.91	180	7433	0.830	ug/l	94
94) Hexachlorobutadiene	15.01	225	5058	0.975	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.14	128	14272	0.769	ug/l	97
96) 1,2,3-Trichlorobenzene	15.32	180	7051	0.858	ug/l	100

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

