

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072418\
 Data File : VN050011.D
 Acq On : 23 Jul 2018 17:57
 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

MMDadoda
 7/26/2018 1:50:42 PM

Quant Time: Jul 24 06:00:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 05:50:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	547487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	869633	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	766039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	344645	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	44572	5.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.84%	
35) Dibromofluoromethane	7.59	113	37794	5.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.36%	
50) Toluene-d8	10.09	98	125590	4.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.46%	
62) 4-Bromofluorobenzene	12.40	95	36425	4.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	32728	5.10	ug/l	98
3) Chloromethane	2.06	50	43054	5.56	ug/l	100
4) Vinyl Chloride	2.18	62	46827	5.71	ug/l	97
5) Bromomethane	2.55	94	29668	5.66	ug/l	97
6) Chloroethane	2.69	64	29074	5.51	ug/l	94
7) Trichlorofluoromethane	3.01	101	61187	5.49	ug/l	99
8) Diethyl Ether	3.41	74	19978	5.18	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.75	101	36299	5.31	ug/l	99
10) Methyl Iodide	3.95	142	39849	4.38	ug/l	97
11) Tert butyl alcohol	4.81	59	13996	25.89	ug/l #	91
12) 1,1-Dichloroethene	3.73	96	32210	5.34	ug/l	98
13) Acrolein	3.61	56	19026	51.97	ug/l	98
14) Allyl chloride	4.33	41	48269	5.11	ug/l	99
15) Acrylonitrile	5.00	53	63416	26.81	ug/l	99
16) Acetone	3.83	43	53406	27.23	ug/l	100
17) Carbon Disulfide	4.05	76	100609	5.55	ug/l	100
18) Methyl Acetate	4.33	43	43300	5.77	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	82010	4.99	ug/l	99
20) Methylene Chloride	4.55	84	40122	5.38	ug/l	95
21) trans-1,2-Dichloroethene	5.05	96	34721	5.46	ug/l	93
22) Diisopropyl ether	5.96	45	95785	5.00	ug/l	92
23) Vinyl Acetate	5.90	43	328205	24.45	ug/l	100
24) 1,1-Dichloroethane	5.85	63	68135	5.51	ug/l	99
25) 2-Butanone	6.85	43	75158	26.82	ug/l	98
26) 2,2-Dichloropropane	6.82	77	52556	5.49	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	37635	5.41	ug/l	98
28) Bromochloromethane	7.20	49	31346	5.66	ug/l	100
29) Tetrahydrofuran	7.22	42	45429	25.76	ug/l	98
30) Chloroform	7.37	83	71079	5.62	ug/l	96
31) Cyclohexane	7.66	56	56912	4.92	ug/l #	85
32) 1,1,1-Trichloroethane	7.57	97	58094	5.31	ug/l	97
36) 1,1-Dichloropropene	7.79	75	45356	4.66	ug/l	97
37) Ethyl Acetate	6.94	43	33542	5.04	ug/l	98
38) Carbon Tetrachloride	7.78	117	52484	5.04	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	44912	4.46	ug/l	96
40) Benzene	8.04	78	150976	5.09	ug/l	99
41) Methacrylonitrile	7.17	41	13074	4.01	ug/l #	70
42) 1,2-Dichloroethane	8.13	62	51299	5.23	ug/l	99
43) Isopropyl Acetate	8.17	43	82280	7.03	ug/l #	87
44) Trichloroethene	8.84	130	40773	5.24	ug/l	97
45) 1,2-Dichloropropane	9.12	63	40411	5.07	ug/l	98
46) Dibromomethane	9.21	93	25066	5.06	ug/l	97
47) Bromodichloromethane	9.41	83	52601	5.14	ug/l	98
48) Methyl methacrylate	9.20	41	26356	4.49	ug/l	96
49) 1,4-Dioxane	9.20	88	7685	93.80	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	161442	24.78	ug/l	95
52) Toluene	10.16	92	85724	4.86	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	45407	4.50	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	54600	4.89	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	36241	4.98	ug/l	97
56) Ethyl methacrylate	10.43	69	36074	4.27	ug/l	98
57) 1,3-Dichloropropane	10.71	76	57936	5.05	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	79904	20.75	ug/l	97
59) 2-Hexanone	10.76	43	101441	23.21	ug/l	92
60) Dibromochloromethane	10.90	129	39000	4.89	ug/l	100
61) 1,2-Dibromoethane	11.01	107	35017	5.14	ug/l	98
64) Tetrachloroethene	10.63	164	38134	5.44	ug/l	98
65) Chlorobenzene	11.44	112	98287	5.08	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	38521	5.15	ug/l	99
67) Ethyl Benzene	11.51	91	141544	4.52	ug/l	99
68) m/p-Xylenes	11.62	106	107252	9.05	ug/l	98
69) o-Xylene	11.95	106	50777	4.46	ug/l	99
70) Styrene	11.97	104	74410	4.06	ug/l	97
71) Bromoform	12.13	173	26866	5.04	ug/l #	99
73) Isopropylbenzene	12.25	105	134227	5.10	ug/l	98
74) N-amyl acetate	12.07	43	37875	4.73	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.51	83	45785	5.81	ug/l	98
76) 1,2,3-Trichloropropane	12.56	75	36388m	5.64	ug/l	
77) Bromobenzene	12.53	156	38488	5.29	ug/l	99
78) n-propylbenzene	12.59	91	144385	4.82	ug/l	99
79) 2-Chlorotoluene	12.68	91	96294	5.24	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	101333	4.81	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.31	75	9938	4.80	ug/l	92
82) 4-Chlorotoluene	12.78	91	91194	4.95	ug/l	99
83) tert-Butylbenzene	12.99	119	90456	4.90	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	101083	4.73	ug/l	100
85) sec-Butylbenzene	13.17	105	118656	4.85	ug/l	98
86) p-Isopropyltoluene	13.29	119	95477	4.58	ug/l	97
87) 1,3-Dichlorobenzene	13.29	146	64121	5.07	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	61539	4.86	ug/l	93
89) n-Butylbenzene	13.62	91	75684	4.40	ug/l	98
90) Hexachloroethane	13.88	117	24625	5.27	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	63828	5.14	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	6905	5.63	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	20011	3.51	ug/l	96
94) Hexachlorobutadiene	15.01	225	20865	5.13	ug/l	97
95) Naphthalene	15.14	128	38089	3.04	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	21951	3.70	ug/l	99

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

