

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042219\
 Data File : VN055176.D
 Acq On : 22 Apr 2019 12:23
 Operator : JC/SP
 Sample : VSTDIC010
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 4/23/2019 1:46:59 PM

Quant Time: Apr 23 05:19:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 04:56:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	439217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	702160	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	586530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	211134	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	62246	9.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.32%	
35) Dibromofluoromethane	7.59	113	48496	9.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.26%	
50) Toluene-d8	10.09	98	186244	10.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.42%	
62) 4-Bromofluorobenzene	12.40	95	58124	10.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	64526	11.410	ug/l	97
3) Chloromethane	2.06	50	75755	10.932	ug/l	98
4) Vinyl Chloride	2.19	62	59180	10.658	ug/l	99
5) Bromomethane	2.56	94	34059	10.577	ug/l	91
6) Chloroethane	2.70	64	32668	10.880	ug/l	98
7) Trichlorofluoromethane	3.02	101	82585	10.929	ug/l	97
8) Diethyl Ether	3.41	74	27828	10.318	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	48879	10.366	ug/l	98
10) Methyl Iodide	3.95	142	60545	9.557	ug/l	98
11) Tert butyl alcohol	4.79	59	18651	54.687	ug/l #	83
12) 1,1-Dichloroethene	3.74	96	47614	10.537	ug/l	95
13) Acrolein	3.61	56	25683	55.306	ug/l	100
14) Allyl chloride	4.33	41	91955	10.294	ug/l	99
15) Acrylonitrile	4.99	53	98447	51.721	ug/l	98
16) Acetone	3.82	43	84301	42.895	ug/l	96
17) Carbon Disulfide	4.06	76	131931	10.443	ug/l	100
18) Methyl Acetate	4.33	43	47591	8.774	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	127928	10.239	ug/l	99
20) Methylene Chloride	4.55	84	56259	9.958	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	48913	10.322	ug/l	91
22) Diisopropyl ether	5.95	45	181325	10.183	ug/l	97
23) Vinyl Acetate	5.90	43	622339	52.009	ug/l	98
24) 1,1-Dichloroethane	5.85	63	98309	10.264	ug/l	98
25) 2-Butanone	6.84	43	122416	48.248	ug/l	98
26) 2,2-Dichloropropane	6.82	77	64212	9.907	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	55896	10.233	ug/l	98
28) Bromochloromethane	7.20	49	50678	10.380	ug/l	99
29) Tetrahydrofuran	7.21	42	74909	46.973	ug/l	96
30) Chloroform	7.37	83	92056	10.104	ug/l	100
31) Cyclohexane	7.65	56	102725	9.341	ug/l #	94
32) 1,1,1-Trichloroethane	7.57	97	75272	10.284	ug/l	100
36) 1,1-Dichloropropene	7.79	75	69448	10.656	ug/l	99
37) Ethyl Acetate	6.93	43	50646	9.301	ug/l #	89
38) Carbon Tetrachloride	7.77	117	63438	9.742	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	80706	10.380	ug/l	98
40) Benzene	8.04	78	206882	10.283	ug/l	98
41) Methacrylonitrile	7.18	41	23897	8.902	ug/l #	82
42) 1,2-Dichloroethane	8.13	62	70973	10.112	ug/l	99
43) Isopropyl Acetate	8.17	43	91502	10.744	ug/l #	90
44) Trichloroethene	8.84	130	52544	10.334	ug/l	96
45) 1,2-Dichloropropane	9.12	63	58931	10.377	ug/l	100
46) Dibromomethane	9.21	93	33305	10.245	ug/l	100
47) Bromodichloromethane	9.40	83	64233	9.870	ug/l	98
48) Methyl methacrylate	9.20	41	41042	9.934	ug/l	96
49) 1,4-Dioxane	9.20	88	10530	220.708	ug/l	91
51) 4-Methyl-2-Pentanone	9.99	43	248483	50.701	ug/l	100
52) Toluene	10.16	92	125904	10.675	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	59007	9.880	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	72983	9.847	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	43871	10.090	ug/l	99
56) Ethyl methacrylate	10.43	69	54154	9.998	ug/l	99
57) 1,3-Dichloropropane	10.71	76	75864	10.028	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	84368	48.311	ug/l	99
59) 2-Hexanone	10.75	43	153170	49.479	ug/l	100
60) Dibromochloromethane	10.90	129	43776	9.775	ug/l	96
61) 1,2-Dibromoethane	11.00	107	40948	10.017	ug/l	100
64) Tetrachloroethene	10.63	164	51359	10.734	ug/l	99
65) Chlorobenzene	11.43	112	125910	10.517	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	45060	10.155	ug/l	99
67) Ethyl Benzene	11.51	91	227025	10.646	ug/l	96
68) m/p-Xylenes	11.62	106	162021	21.183	ug/l	99
69) o-Xylene	11.95	106	81079	10.682	ug/l	98
70) Styrene	11.96	104	124058	10.544	ug/l	99
71) Bromoform	12.12	173	25965	9.806	ug/l #	97
73) Isopropylbenzene	12.25	105	215441	10.629	ug/l	100
74) N-amyl acetate	12.07	43	53971	9.915	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	55152	10.282	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	47978m	12.125	ug/l	
77) Bromobenzene	12.53	156	49676	10.658	ug/l	99
78) n-propylbenzene	12.59	91	230036	10.864	ug/l	99
79) 2-Chlorotoluene	12.67	91	144081	10.776	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	173056	10.949	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	10624	9.402	ug/l	90
82) 4-Chlorotoluene	12.77	91	130219	10.586	ug/l	99
83) tert-Butylbenzene	12.99	119	149183	10.551	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	161642	10.837	ug/l	99
85) sec-Butylbenzene	13.17	105	190494	10.653	ug/l	99
86) p-Isopropyltoluene	13.29	119	159621	10.835	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	76052	10.629	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	70686	10.147	ug/l	98
89) n-Butylbenzene	13.61	91	112902	10.340	ug/l	97
90) Hexachloroethane	13.87	117	27020	10.342	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	77146	10.497	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	6108	9.527	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	23356	9.002	ug/l	99
94) Hexachlorobutadiene	15.01	225	26801	10.189	ug/l	98
95) Naphthalene	15.13	128	47183	8.609	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	24041	8.907	ug/l	96

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

