

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010519\
 Data File : VN053287.D
 Acq On : 4 Jan 2019 18:09
 Operator : MD\SY
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 1/8/2019 10:24:06 AM

Quant Time: Jan 07 09:32:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:27:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	897321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1354670	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1225608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	569672	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	189060	20.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.16%	
35) Dibromofluoromethane	7.59	113	152071	19.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.68%	
50) Toluene-d8	10.09	98	686679	20.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.54%	
62) 4-Bromofluorobenzene	12.40	95	234293	20.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	162881	19.994	ug/l	98
3) Chloromethane	2.06	50	216175	20.021	ug/l	100
4) Vinyl Chloride	2.19	62	210161	19.918	ug/l	100
5) Bromomethane	2.57	94	132372	20.008	ug/l	100
6) Chloroethane	2.71	64	124221	20.272	ug/l	98
7) Trichlorofluoromethane	3.02	101	267534	20.112	ug/l	98
8) Diethyl Ether	3.41	74	102773	19.299	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	169059	20.208	ug/l	99
10) Methyl Iodide	3.96	142	227743	18.365	ug/l	99
11) Tert butyl alcohol	4.78	59	55547	93.186	ug/l #	86
12) 1,1-Dichloroethene	3.74	96	163768	19.784	ug/l	98
13) Acrolein	3.61	56	62573	91.949	ug/l	98
14) Allyl chloride	4.33	41	267981	20.681	ug/l	94
15) Acrylonitrile	4.99	53	329139	96.798	ug/l	100
16) Acetone	3.82	43	225497	99.347	ug/l	100
17) Carbon Disulfide	4.06	76	493371	19.540	ug/l	99
18) Methyl Acetate	4.33	43	150133	19.333	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	451170	19.274	ug/l	98
20) Methylene Chloride	4.55	84	191021	20.047	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	177083	19.935	ug/l	97
22) Diisopropyl ether	5.95	45	570956	19.658	ug/l	97
23) Vinyl Acetate	5.90	43	1775490	95.126	ug/l	99
24) 1,1-Dichloroethane	5.85	63	323134	19.465	ug/l	99
25) 2-Butanone	6.83	43	367056	96.218	ug/l	98
26) 2,2-Dichloropropane	6.83	77	233757	19.492	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	200830	19.583	ug/l	99
28) Bromochloromethane	7.20	49	143706	19.476	ug/l	100
29) Tetrahydrofuran	7.21	42	246848	97.083	ug/l	98
30) Chloroform	7.37	83	319819	19.659	ug/l	99
31) Cyclohexane	7.66	56	312970	19.991	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	264637	19.467	ug/l	100
36) 1,1-Dichloropropene	7.80	75	247933	19.779	ug/l	99
37) Ethyl Acetate	6.93	43	163311	19.584	ug/l	100
38) Carbon Tetrachloride	7.78	117	228315	19.483	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	290913	19.865	ug/l	98
40) Benzene	8.04	78	761664	19.769	ug/l	100
41) Methacrylonitrile	7.19	41	105365m	22.168	ug/l	
42) 1,2-Dichloroethane	8.13	62	228082	20.148	ug/l	99
43) Isopropyl Acetate	8.17	43	295583	19.621	ug/l	99
44) Trichloroethene	8.84	130	208191	19.820	ug/l	97
45) 1,2-Dichloropropane	9.12	63	200953	19.887	ug/l	100
46) Dibromomethane	9.21	93	116686	19.587	ug/l	100
47) Bromodichloromethane	9.40	83	241560	19.665	ug/l	99
48) Methyl methacrylate	9.20	41	143878	19.072	ug/l	99
49) 1,4-Dioxane	9.20	88	31424	359.678	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	814407	97.228	ug/l	99
52) Toluene	10.16	92	477496	19.834	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	243338	18.821	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	288723	19.354	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	171982	19.897	ug/l	98
56) Ethyl methacrylate	10.43	69	221200	18.651	ug/l	99
57) 1,3-Dichloropropane	10.71	76	290936	19.917	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	619852	97.824	ug/l	100
59) 2-Hexanone	10.75	43	557918	96.141	ug/l	100
60) Dibromochloromethane	10.90	129	184166	19.060	ug/l	100
61) 1,2-Dibromoethane	11.01	107	168993	19.307	ug/l	98
64) Tetrachloroethene	10.63	164	231710	19.903	ug/l	98
65) Chlorobenzene	11.43	112	519968	19.524	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	183105	19.494	ug/l	98
67) Ethyl Benzene	11.51	91	888839	19.298	ug/l	100
68) m/p-Xylenes	11.62	106	683484	38.930	ug/l	99
69) o-Xylene	11.95	106	330134	19.404	ug/l	100
70) Styrene	11.96	104	542073	19.229	ug/l	100
71) Bromoform	12.13	173	126615	18.659	ug/l #	100
73) Isopropylbenzene	12.25	105	864474	20.025	ug/l	100
74) N-amyl acetate	12.07	43	251067	19.045	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	192399	20.134	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	162326m	20.063	ug/l	
77) Bromobenzene	12.53	156	229201	20.302	ug/l	98
78) n-propylbenzene	12.59	91	973818	19.785	ug/l	99
79) 2-Chlorotoluene	12.68	91	590464	20.307	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	700177	20.143	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	54364	18.027	ug/l	95
82) 4-Chlorotoluene	12.77	91	592198	19.871	ug/l	99
83) tert-Butylbenzene	12.99	119	604411	20.155	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	703615	19.860	ug/l	99
85) sec-Butylbenzene	13.17	105	804432	20.090	ug/l	100
86) p-Isopropyltoluene	13.29	119	691589	19.674	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	388524	19.675	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	384205	19.704	ug/l	99
89) n-Butylbenzene	13.62	91	561353	19.290	ug/l	98
90) Hexachloroethane	13.88	117	106738	19.058	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	371017	19.805	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	24075	19.264	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	116752	18.807	ug/l	99
94) Hexachlorobutadiene	15.01	225	97426	19.797	ug/l	99
95) Naphthalene	15.13	128	194304	18.032	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	75027	18.788	ug/l	99

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

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