

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081519\
 Data File : VN057289.D
 Acq On : 14 Aug 2019 16:14
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMdadoda
 8/19/2019 1:53:13 AM

Quant Time: Aug 15 11:34:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 19:33:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	883275	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1316998	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1087140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	262516	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	8106	1.095	ug/l	85
3) Chloromethane	2.06	50	10181	1.212	ug/l	99
4) Vinyl Chloride	2.18	62	8606	1.057	ug/l	100
6) Chloroethane	2.70	64	6398	1.213	ug/l	93
7) Trichlorofluoromethane	3.02	101	13860	1.078	ug/l	97
8) Diethyl Ether	3.40	74	4934	1.052	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.75	101	8177	1.060	ug/l	93
12) 1,1-Dichloroethene	3.73	96	7926	1.033	ug/l	94
14) Allyl chloride	4.31	41	12596	1.077	ug/l	95
15) Acrylonitrile	4.98	53	16251	4.767	ug/l	96
16) Acetone	3.81	43	17912	5.859	ug/l	97
17) Carbon Disulfide	4.05	76	22137	1.060	ug/l #	95
18) Methyl Acetate	4.32	43	30695	2.925	ug/l #	74
19) Methyl tert-butyl Ether	5.03	73	24404m	1.059	ug/l	
20) Methylene Chloride	4.54	84	10530	1.179	ug/l	95
21) trans-1,2-Dichloroethene	5.04	96	8709	1.067	ug/l	83
22) Diisopropyl ether	5.94	45	24209	1.049	ug/l #	87
23) Vinyl Acetate	5.89	43	93382	5.100	ug/l	95
24) 1,1-Dichloroethane	5.83	63	15850	1.096	ug/l #	94
25) 2-Butanone	6.83	43	22824	5.201	ug/l	98
26) 2,2-Dichloropropane	6.81	77	11649m	0.987	ug/l	
27) cis-1,2-Dichloroethene	6.82	96	10518	1.115	ug/l	93
28) Bromochloromethane	7.19	49	6570	1.020	ug/l #	88
29) Tetrahydrofuran	7.21	42	14928	5.329	ug/l	98
30) Chloroform	7.36	83	17666	1.167	ug/l	94
32) 1,1,1-Trichloroethane	7.56	97	12800	1.000	ug/l #	48
36) 1,1-Dichloropropene	7.78	75	11986	1.049	ug/l	97
37) Ethyl Acetate	6.92	43	7018	0.750	ug/l #	88
38) Carbon Tetrachloride	7.77	117	11967	0.984	ug/l	94
39) Methylcyclohexane	9.08	83	13298	0.984	ug/l	98
40) Benzene	8.03	78	36006	1.031	ug/l	95
41) Methacrylonitrile	7.17	41	3195m	0.817	ug/l	
42) 1,2-Dichloroethane	8.11	62	12245	1.091	ug/l	98
43) Isopropyl Acetate	8.19	43	33821m	2.175	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.83	130	10314	1.024	ug/l	97
45) 1,2-Dichloropropane	9.11	63	9037	1.019	ug/l	96
46) Dibromomethane	9.20	93	6471	1.085	ug/l	94
47) Bromodichloromethane	9.40	83	12362	1.073	ug/l	87
48) Methyl methacrylate	9.20	41	7454	1.045	ug/l	92
49) 1,4-Dioxane	9.20	88	3054	19.063	ug/l #	95
51) 4-Methyl-2-Pentanone	9.98	43	44935	4.961	ug/l	100
52) Toluene	10.16	92	21109	0.974	ug/l	94
53) t-1,3-Dichloropropene	10.38	75	12015	0.975	ug/l	93
54) cis-1,3-Dichloropropene	9.84	75	13779	0.993	ug/l	94
55) 1,1,2-Trichloroethane	10.56	97	8679	1.020	ug/l	93
56) Ethyl methacrylate	10.43	69	10332	0.860	ug/l	93
57) 1,3-Dichloropropane	10.70	76	14255	1.015	ug/l	92
58) 2-Chloroethyl Vinyl ether	9.69	63	12526	4.148	ug/l	99
59) 2-Hexanone	10.75	43	31046	4.823	ug/l	100
60) Dibromochloromethane	10.90	129	8773	0.919	ug/l	100
61) 1,2-Dibromoethane	11.00	107	9043	1.023	ug/l	94
64) Tetrachloroethene	10.63	164	10841	1.134	ug/l	96
65) Chlorobenzene	11.43	112	21887	0.989	ug/l #	88
66) 1,1,1,2-Tetrachloroethane	11.51	131	8632	1.010	ug/l #	67
67) Ethyl Benzene	11.51	91	38452	1.015	ug/l	100
68) m/p-Xylenes	11.62	106	26320	1.860	ug/l	100
69) o-Xylene	11.95	106	12878	0.928	ug/l	98
70) Styrene	11.96	104	18628	0.869	ug/l	96
71) Bromoform	12.12	173	5886	0.896	ug/l #	99
73) Isopropylbenzene	12.25	105	33046	1.357	ug/l	97
74) N-amyl acetate	12.07	43	8230	1.158	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.50	83	10590	1.515	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	8589m	1.547	ug/l	
77) Bromobenzene	12.53	156	8515	1.285	ug/l	95
78) n-propylbenzene	12.59	91	29702	1.212	ug/l	98
79) 2-Chlorotoluene	12.67	91	20750	1.324	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	24591	1.246	ug/l	97
82) 4-Chlorotoluene	12.77	91	17773	1.239	ug/l	97
83) tert-Butylbenzene	12.99	119	25750	1.397	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	21127	1.144	ug/l	99
85) sec-Butylbenzene	13.17	105	27750	1.257	ug/l	98
86) p-Isopropyltoluene	13.29	119	21280	1.106	ug/l	95
87) 1,3-Dichlorobenzene	13.29	146	9750	1.075	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	9488	1.078	ug/l	88
89) n-Butylbenzene	13.62	91	12553	0.928	ug/l	96
90) Hexachloroethane	13.88	117	5609	1.491	ug/l	81
91) 1,2-Dichlorobenzene	13.66	146	8844	1.003	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	14.28	75	1115	1.269	ug/l	72
93) 1,2,4-Trichlorobenzene	14.91	180	2935	0.928	ug/l	94
94) Hexachlorobutadiene	15.01	225	5052	1.191	ug/l	87
95) Naphthalene	15.13	128	5432	0.874	ug/l	95
96) 1,2,3-Trichlorobenzene	15.29	180	2894	0.902	ug/l	95

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

