

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102720\
 Data File : VN064317.D
 Acq On : 27 Oct 2020 9:56
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 10/28/2020 12:35:16 PM

Quant Time: Oct 27 11:58:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 11:34:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	254807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	413377	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	366121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	161250	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	1.83	85	3270	1.181	ug/l	91
3) Chloromethane	2.03	50	3710	1.266	ug/l	93
4) Vinyl Chloride	2.16	62	3290	1.124	ug/l	97
6) Chloroethane	2.67	64	2097	1.182	ug/l #	73
7) Trichlorofluoromethane	2.97	101	5473	1.136	ug/l #	79
8) Diethyl Ether	3.37	74	1652	1.038	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	2690m	1.082	ug/l	
12) 1,1-Dichloroethene	3.70	96	2500m	1.045	ug/l	
14) Allyl chloride	4.28	41	5366	1.123	ug/l #	94
15) Acrylonitrile	4.92	53	5320m	4.853	ug/l	
16) Acetone	3.79	43	9874m	8.643	ug/l	
17) Carbon Disulfide	4.01	76	8069	1.184	ug/l #	93
18) Methyl Acetate	4.29	43	3691m	1.307	ug/l	
19) Methyl tert-butyl Ether	4.99	73	9453m	1.124	ug/l	
20) Methylene Chloride	4.50	84	3136	1.081	ug/l	92
21) trans-1,2-Dichloroethene	5.00	96	2774m	1.053	ug/l	
22) Diisopropyl ether	5.90	45	9711	1.074	ug/l #	93
23) Vinyl Acetate	5.84	43	33096	4.126	ug/l #	94
24) 1,1-Dichloroethane	5.80	63	5904m	1.139	ug/l	
25) 2-Butanone	6.79	43	10525	5.897	ug/l #	80
26) 2,2-Dichloropropane	6.77	77	5821	1.129	ug/l #	70
27) cis-1,2-Dichloroethene	6.78	96	2943m	0.954	ug/l	
28) Bromochloromethane	7.14	49	2433m	0.986	ug/l	
29) Tetrahydrofuran	7.17	42	6944	6.412	ug/l #	82
30) Chloroform	7.33	83	6290	1.136	ug/l	98
32) 1,1,1-Trichloroethane	7.52	97	6246	1.206	ug/l #	50
36) 1,1-Dichloropropene	7.75	75	4326	1.048	ug/l #	84
37) Ethyl Acetate	6.89	43	4221m	1.102	ug/l	
38) Carbon Tetrachloride	7.72	117	4967m	1.052	ug/l	
39) Methylcyclohexane	9.04	83	4167	1.099	ug/l	93
40) Benzene	8.00	78	12391	1.087	ug/l #	87
41) Methacrylonitrile	7.12	41	2051	1.024	ug/l #	30
42) 1,2-Dichloroethane	8.08	62	5098	1.037	ug/l	94
43) Isopropyl Acetate	8.13	43	6892	0.977	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.79	130	2834	0.911	ug/l	94
45) 1,2-Dichloropropane	9.08	63	3347	1.102	ug/l #	82
46) Dibromomethane	9.17	93	2200	1.070	ug/l #	85
47) Bromodichloromethane	9.36	83	5603	1.237	ug/l #	96
48) Methyl methacrylate	9.16	41	3986	1.088	ug/l	94
49) 1,4-Dioxane	9.17	88	878	19.508	ug/l #	48
51) 4-Methyl-2-Pentanone	9.95	43	20488	5.373	ug/l	95
52) Toluene	10.12	92	7659	1.052	ug/l	87
53) t-1,3-Dichloropropene	10.36	75	4952	0.989	ug/l	91
54) cis-1,3-Dichloropropene	9.80	75	5174	0.978	ug/l #	86
55) 1,1,2-Trichloroethane	10.53	97	3024	1.095	ug/l #	91
56) Ethyl methacrylate	10.40	69	3954	0.925	ug/l #	77
57) 1,3-Dichloropropane	10.68	76	4716	0.982	ug/l #	69
58) 2-Chloroethyl Vinyl ether	9.66	63	13824	6.302	ug/l	95
59) 2-Hexanone	10.72	43	14015	5.016	ug/l	93
60) Dibromochloromethane	10.87	129	3175	0.889	ug/l	92
61) 1,2-Dibromoethane	10.97	107	2411	0.825	ug/l #	79
64) Tetrachloroethene	10.60	164	3311	1.120	ug/l	90
65) Chlorobenzene	11.40	112	7298	0.967	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.48	131	3400	1.135	ug/l #	52
67) Ethyl Benzene	11.48	91	13822	0.994	ug/l #	85
68) m/p-Xylenes	11.60	106	10162	1.972	ug/l	97
69) o-Xylene	11.92	106	4914	0.992	ug/l	99
70) Styrene	11.94	104	6907	0.829	ug/l #	86
71) Bromoform	12.10	173	2107	0.908	ug/l #	87
73) Isopropylbenzene	12.22	105	12888	1.054	ug/l	99
74) N-amyl acetate	12.05	43	4626	0.869	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	3869	1.176	ug/l #	25
76) 1,2,3-Trichloropropane	12.53	75	4796m	1.369	ug/l	
77) Bromobenzene	12.49	156	3075	1.057	ug/l	97
78) n-propylbenzene	12.57	91	13782	0.996	ug/l	99
79) 2-Chlorotoluene	12.65	91	9826	1.156	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	10467	1.011	ug/l	92
82) 4-Chlorotoluene	12.75	91	9401	1.061	ug/l	100
83) tert-Butylbenzene	12.96	119	8812	1.039	ug/l	95
84) 1,2,4-Trimethylbenzene	13.01	105	9981	0.967	ug/l	100
85) sec-Butylbenzene	13.14	105	11789	1.103	ug/l	93
86) p-Isopropyltoluene	13.26	119	9635	0.989	ug/l	98
87) 1,3-Dichlorobenzene	13.25	146	5067	0.983	ug/l	94
88) 1,4-Dichlorobenzene	13.33	146	5593m	1.063	ug/l	
89) n-Butylbenzene	13.59	91	8781	1.012	ug/l	95
90) Hexachloroethane	13.85	117	1682	0.936	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	5898	1.169	ug/l	84
92) 1,2-Dibromo-3-Chloropropan	14.24	75	837m	1.013	ug/l	
93) 1,2,4-Trichlorobenzene	14.88	180	1730	0.616	ug/l	81
94) Hexachlorobutadiene	14.98	225	1972	1.296	ug/l	90
95) Naphthalene	15.11	128	6267	0.743	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.28	180	1930	0.694	ug/l	79

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

