

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032521\
 Data File : VN066337.D
 Acq On : 25 Mar 2021 18:06
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

SAM
 3/29/2021 5:12:30 PM

Quant Time: Mar 26 05:35:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 05:30:52 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.585	168	451087	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	702452	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	578557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	251970	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.00	ug/l	
Spiked Amount	50.000	Range	61 - 141	Recovery	=	0.00%#
35) Dibromofluoromethane	0.000	113	0d	0.00	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.00%#
50) Toluene-d8	0.000	98	0d	0.00	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.00%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.00	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.00%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.818	85	6237	1.11	ug/l	99
3) Chloromethane	2.014	50	10479	1.09	ug/l	97
4) Vinyl Chloride	2.146	62	7486	0.96	ug/l	98
6) Chloroethane	2.655	64	4381	1.01	ug/l	90
7) Trichlorofluoromethane	2.963	101	10096	1.16	ug/l	91
8) Diethyl Ether	3.347	74	4678	1.32	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.677	101	5995	1.40	ug/l #	78
12) 1,1-Dichloroethene	3.661	96	6150	1.32	ug/l #	79
14) Allyl chloride	4.224	41	10556	0.79	ug/l #	90
15) Acrylonitrile	4.884	53	14182	3.63	ug/l #	53
16) Acetone	3.741	43	18683	4.49	ug/l	95
17) Carbon Disulfide	3.964	76	22756	1.57	ug/l	96
18) Methyl Acetate	4.243	43	10858m	1.06	ug/l	
19) Methyl tert-butyl Ether	4.951	73	17217	0.88	ug/l	94
20) Methylene Chloride	4.447	84	8494	1.35	ug/l	89
21) trans-1,2-Dichloroethene	4.927	96	6553m	1.25	ug/l	
22) Diisopropyl ether	5.865	45	17597m	0.68	ug/l	
23) Vinyl Acetate	5.804	43	70983	3.18	ug/l	100
24) 1,1-Dichloroethane	5.739	63	9544	0.79	ug/l #	83
25) 2-Butanone	6.756	43	16673	2.72	ug/l	100
26) 2,2-Dichloropropane	6.726	77	9173	0.90	ug/l #	68
27) cis-1,2-Dichloroethene	6.729	96	6935	1.09	ug/l	79
28) Bromochloromethane	7.107	49	4694	0.68	ug/l #	97
29) Tetrahydrofuran	7.134	42	11474	2.71	ug/l	93
30) Chloroform	7.284	83	10000	0.90	ug/l	94
32) 1,1,1-Trichloroethane	7.483	97	8846	0.95	ug/l #	51
36) 1,1-Dichloropropene	7.716	75	8060	1.04	ug/l	94
37) Ethyl Acetate	6.842	43	8760m	0.77	ug/l	
38) Carbon Tetrachloride	7.692	117	7839	1.14	ug/l #	97
39) Methylcyclohexane	9.014	83	8831	1.05	ug/l	96
40) Benzene	7.960	78	22954	1.01	ug/l	96
41) Methacrylonitrile	7.088	41	3811	0.70	ug/l #	57
42) 1,2-Dichloroethane	8.043	62	8013	0.89	ug/l	98
43) Isopropyl Acetate	8.091	43	12468	0.67	ug/l	95
44) Trichloroethene	8.762	130	5966	1.09	ug/l	98
45) 1,2-Dichloropropane	9.052	63	6068	0.90	ug/l	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.143	93	4175	1.11	ug/l	98
47) Bromodichloromethane	9.339	83	7831	0.95	ug/l	94
48) Methyl methacrylate	9.137	41	6133	0.68	ug/l	95
49) 1,4-Dioxane	9.145	88	2010	23.16	ug/l #	66
51) 4-Methyl-2-Pentanone	9.923	43	36865	3.29	ug/l	99
52) Toluene	10.092	92	13311	0.99	ug/l	99
53) t-1,3-Dichloropropene	10.326	75	8214	0.85	ug/l	93
54) cis-1,3-Dichloropropene	9.776	75	8948	0.87	ug/l	98
55) 1,1,2-Trichloroethane	10.503	97	5520	1.04	ug/l	89
56) Ethyl methacrylate	10.371	69	7652	0.84	ug/l	96
57) 1,3-Dichloropropane	10.647	76	8320	0.83	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.634	63	2578	0.92	ug/l	98
59) 2-Hexanone	10.698	43	23530	2.94	ug/l	97
60) Dibromochloromethane	10.840	129	5604	1.00	ug/l	93
61) 1,2-Dibromoethane	10.945	107	5121	0.94	ug/l	95
64) Tetrachloroethene	10.570	164	6209	1.30	ug/l	91
65) Chlorobenzene	11.374	112	13572	1.13	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.449	131	4851	1.08	ug/l #	54
67) Ethyl Benzene	11.455	91	23838	1.06	ug/l	95
68) m/p-Xylenes	11.565	106	17735	2.17	ug/l	97
69) o-Xylene	11.894	106	8105	1.03	ug/l	97
70) Styrene	11.908	104	13490	1.05	ug/l	96
71) Bromoform	12.071	173	3630	1.05	ug/l #	98
73) Isopropylbenzene	12.195	105	21552	1.11	ug/l	99
74) N-amyl acetate	12.034	43	2513m	0.27	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.452	83	7193	1.05	ug/l	92
76) 1,2,3-Trichloropropane	12.501	75	5924m	0.82	ug/l	
77) Bromobenzene	12.474	156	5219	1.14	ug/l	86
78) n-propylbenzene	12.538	91	22537	0.98	ug/l	98
79) 2-Chlorotoluene	12.619	91	14204	1.03	ug/l	98
80) 1,3,5-Trimethylbenzene	12.678	105	16870	1.03	ug/l	95
82) 4-Chlorotoluene	12.720	91	12638	0.89	ug/l	91
83) tert-Butylbenzene	12.938	119	16136	1.16	ug/l	94
84) 1,2,4-Trimethylbenzene	12.986	105	16610	1.03	ug/l	95
85) sec-Butylbenzene	13.117	105	18934	1.03	ug/l	97
86) p-Isopropyltoluene	13.235	119	17443	1.07	ug/l	96
87) 1,3-Dichlorobenzene	13.230	146	9463	1.15	ug/l	98
88) 1,4-Dichlorobenzene	13.308	146	11497m	1.37	ug/l	
89) n-Butylbenzene	13.565	91	14561	0.99	ug/l #	89
90) Hexachloroethane	13.812	117	3057	1.18	ug/l	80
91) 1,2-Dichlorobenzene	13.603	146	9467	1.16	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.217	75	1563m	0.91	ug/l	
93) 1,2,4-Trichlorobenzene	14.858	180	7720	1.67	ug/l	98
94) Hexachlorobutadiene	14.949	225	4016	1.67	ug/l	94
95) Naphthalene	15.075	128	30523	2.03	ug/l	99
96) 1,2,3-Trichlorobenzene	15.252	180	8681	1.76	ug/l	93

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

