

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081721\
 Data File : VN068133.D
 Acq On : 17 Aug 2021 10:20
 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
 8/19/2021 5:54:04 PM

Quant Time: Aug 17 12:42:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 12:36:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	586004	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	944833	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	851106	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	326872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	61 - 141	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.000%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.067	85	4848	0.853	ug/l	84
3) Chloromethane	2.298	50	5828	0.835	ug/l	100
4) Vinyl Chloride	2.445	62	8753	0.806	ug/l	# 87
6) Chloroethane	3.019	64	7654	0.909	ug/l	96
7) Trichlorofluoromethane	3.373	101	18228	0.913	ug/l	92
8) Diethyl Ether	3.819	74	2957	0.757	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.207	101	5242	0.903	ug/l	# 56
12) 1,1-Dichloroethene	4.170	96	5413	1.022	ug/l	# 75
14) Allyl chloride	4.832	41	6595m	0.755	ug/l	
15) Acrylonitrile	5.554	53	10372	3.566	ug/l	# 90
16) Acetone	4.293	43	10871	3.834	ug/l	# 82
17) Carbon Disulfide	4.521	76	12975	0.849	ug/l	# 94
18) Methyl Acetate	4.862	43	12025m	1.633	ug/l	
19) Methyl tert-butyl Ether	5.626	73	14995	0.766	ug/l	93
20) Methylene Chloride	5.095	84	8363	1.128	ug/l	# 74
21) trans-1,2-Dichloroethene	5.594	96	5528	0.897	ug/l	82
22) Diisopropyl ether	6.498	45	11644	0.602	ug/l	# 92
23) Vinyl Acetate	6.434	43	49298m	3.093	ug/l	
24) 1,1-Dichloroethane	6.380	63	9429	0.829	ug/l	# 96
25) 2-Butanone	7.348	43	14269	3.507	ug/l	94
26) 2,2-Dichloropropane	7.327	77	8123	0.818	ug/l	85
27) cis-1,2-Dichloroethene	7.324	96	6838	0.935	ug/l	64
28) Bromochloromethane	7.654	49	3905	0.724	ug/l	# 50
29) Tetrahydrofuran	7.699	42	9087	3.502	ug/l	# 85
30) Chloroform	7.817	83	11643	0.916	ug/l	98
32) 1,1,1-Trichloroethane	8.013	97	9505	0.864	ug/l	# 46
36) 1,1-Dichloropropene	8.220	75	7873	0.929	ug/l	# 81
37) Ethyl Acetate	7.420	43	6865m	0.880	ug/l	
38) Carbon Tetrachloride	8.209	117	8476	0.997	ug/l	89
39) Methylcyclohexane	9.464	83	8396	0.912	ug/l	84
40) Benzene	8.461	78	22788	0.904	ug/l	98
41) Methacrylonitrile	7.640	41	2748	0.741	ug/l	# 68
42) 1,2-Dichloroethane	8.536	62	8194m	0.889	ug/l	
43) Isopropyl Acetate	8.563	43	9990	0.768	ug/l	# 91
44) Trichloroethene	9.220	130	6861	1.045	ug/l	77
45) 1,2-Dichloropropane	9.491	63	5364	0.862	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.579	93	4472	0.977	ug/l #	83
47) Bromodichloromethane	9.759	83	8133	0.940	ug/l	95
48) Methyl methacrylate	9.563	41	3845	0.687	ug/l #	75
49) 1,4-Dioxane	9.577	88	2013	18.736	ug/l #	62
51) 4-Methyl-2-Pentanone	10.336	43	28504	3.558	ug/l	94
52) Toluene	10.507	92	14785	0.898	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	6761	0.757	ug/l #	80
54) cis-1,3-Dichloropropene	10.191	75	7842	0.820	ug/l	88
55) 1,1,2-Trichloroethane	10.902	97	6311	0.982	ug/l	86
56) Ethyl methacrylate	10.765	69	6911	0.763	ug/l #	85
57) 1,3-Dichloropropane	11.046	76	9754	0.944	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.041	63	4845	3.273	ug/l #	75
59) 2-Hexanone	11.084	43	19783	3.433	ug/l	99
60) Dibromochloromethane	11.242	129	6351	0.971	ug/l	99
61) 1,2-Dibromoethane	11.347	107	5735	0.866	ug/l	95
64) Tetrachloroethene	10.979	164	6188	1.008	ug/l	90
65) Chlorobenzene	11.771	112	17379	1.011	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	6050	1.003	ug/l #	65
67) Ethyl Benzene	11.848	91	26596	0.883	ug/l	98
68) m/p-Xylenes	11.956	106	20199	1.774	ug/l	81
69) o-Xylene	12.286	106	9704	0.868	ug/l	82
70) Styrene	12.299	104	14388	0.800	ug/l	93
71) Bromoform	12.460	173	4418	1.056	ug/l #	95
73) Isopropylbenzene	12.581	105	23465	0.904	ug/l	93
74) N-amyl acetate	12.393	43	6297	0.724	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.827	83	7972	1.021	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	5732m	0.900	ug/l	
77) Bromobenzene	12.862	156	6459	1.049	ug/l	61
78) n-propylbenzene	12.924	91	24835	0.855	ug/l	94
79) 2-Chlorotoluene	13.010	91	15833	0.893	ug/l	88
80) 1,3,5-Trimethylbenzene	13.061	105	17377	0.830	ug/l	86
82) 4-Chlorotoluene	13.109	91	14681	0.827	ug/l	87
83) tert-Butylbenzene	13.326	119	17232	0.981	ug/l	84
84) 1,2,4-Trimethylbenzene	13.369	105	17143	0.846	ug/l	93
85) sec-Butylbenzene	13.503	105	21329	0.874	ug/l	91
86) p-Isopropyltoluene	13.618	119	16788	0.862	ug/l	92
87) 1,3-Dichlorobenzene	13.616	146	10702	0.959	ug/l	93
88) 1,4-Dichlorobenzene	13.699	146	11725m	1.060	ug/l	
89) n-Butylbenzene	13.946	91	13186	0.800	ug/l	96
90) Hexachloroethane	14.209	117	3415	1.018	ug/l	84
91) 1,2-Dichlorobenzene	13.991	146	10390	0.986	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.605	75	1026	0.828	ug/l #	57
93) 1,2,4-Trichlorobenzene	15.268	180	3893	0.836	ug/l #	84
94) Hexachlorobutadiene	15.370	225	2943	1.271	ug/l	94
95) Naphthalene	15.509	128	6369	0.493	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.702	180	3096	0.680	ug/l	92

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

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