

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
 Data File : VN067471.D
 Acq On : 24 Jun 2021 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
 6/25/2021 6:22:21 PM

Quant Time: Jun 24 11:57:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 24 11:57:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	268465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	565736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	496573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	161188	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	2.070	85	3915	0.974	ug/l	83
3) Chloromethane	2.303	50	4888	1.144	ug/l	98
4) Vinyl Chloride	2.445	62	4091	1.005	ug/l	94
6) Chloroethane	3.019	64	2836	1.118	ug/l	96
7) Trichlorofluoromethane	3.376	101	6109	1.057	ug/l	84
8) Diethyl Ether	3.824	74	2511	1.071	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.202	101	3201	0.940	ug/l #	65
12) 1,1-Dichloroethene	4.178	96	2941	0.888	ug/l #	70
14) Allyl chloride	4.838	41	8316m	1.138	ug/l	
15) Acrylonitrile	5.565	53	10223	5.145	ug/l #	80
16) Acetone	4.288	43	11471	5.580	ug/l #	86
17) Carbon Disulfide	4.521	76	10662	0.991	ug/l	96
18) Methyl Acetate	4.870	43	6432m	1.271	ug/l	
19) Methyl tert-butyl Ether	5.618	73	12284m	0.935	ug/l	
20) Methylene Chloride	5.087	84	5340	1.220	ug/l	89
21) trans-1,2-Dichloroethene	5.594	96	3297	0.905	ug/l #	80
22) Diisopropyl ether	6.501	45	12799	0.936	ug/l #	97
23) Vinyl Acetate	6.439	43	53072m	4.284	ug/l	
24) 1,1-Dichloroethane	6.388	63	7396	0.969	ug/l #	85
25) 2-Butanone	7.351	43	13972	4.704	ug/l	96
26) 2,2-Dichloropropane	7.329	77	6335	0.841	ug/l	84
27) cis-1,2-Dichloroethene	7.329	96	3902	0.906	ug/l #	4
28) Bromochloromethane	7.659	49	3504	0.979	ug/l #	90
29) Tetrahydrofuran	7.697	42	8108	4.315	ug/l #	90
30) Chloroform	7.812	83	7000m	0.886	ug/l	
32) 1,1,1-Trichloroethane	8.019	97	5481	0.770	ug/l #	51
36) 1,1-Dichloropropene	8.217	75	5804	0.910	ug/l #	82
37) Ethyl Acetate	7.423	43	6350	0.941	ug/l #	80
38) Carbon Tetrachloride	8.206	117	4237	0.642	ug/l	97
39) Methylcyclohexane	9.456	83	6866	1.013	ug/l #	88
40) Benzene	8.461	78	16274	0.909	ug/l	94
41) Methacrylonitrile	7.651	41	3083m	0.888	ug/l	
42) 1,2-Dichloroethane	8.528	62	5924	0.804	ug/l	86
43) Isopropyl Acetate	8.563	43	9267	0.771	ug/l #	72
44) Trichloroethene	9.220	130	3003	0.738	ug/l	81
45) 1,2-Dichloropropane	9.491	63	4470	0.930	ug/l	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.577	93	2662	0.832	ug/l	90
47) Bromodichloromethane	9.765	83	5455	0.768	ug/l #	90
48) Methyl methacrylate	9.555	41	3934	0.723	ug/l	92
49) 1,4-Dioxane	9.577	88	1054m	14.101	ug/l	
51) 4-Methyl-2-Pentanone	10.333	43	26707	3.848	ug/l	97
52) Toluene	10.505	92	9378	0.839	ug/l	96
53) t-1,3-Dichloropropene	10.719	75	5094	0.645	ug/l	96
54) cis-1,3-Dichloropropene	10.191	75	5991	0.740	ug/l #	85
55) 1,1,2-Trichloroethane	10.902	97	3305	0.763	ug/l	91
56) Ethyl methacrylate	10.760	69	5849	0.754	ug/l	97
57) 1,3-Dichloropropane	11.052	76	6596	0.831	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.046	63	5561	2.541	ug/l	98
59) 2-Hexanone	11.087	43	18435	3.640	ug/l	100
60) Dibromochloromethane	11.240	129	2419	0.527	ug/l	91
61) 1,2-Dibromoethane	11.347	107	3070	0.685	ug/l	98
64) Tetrachloroethene	10.979	164	3125	0.900	ug/l	90
65) Chlorobenzene	11.768	112	8894	0.827	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.843	131	2429	0.616	ug/l #	65
67) Ethyl Benzene	11.848	91	18431	0.863	ug/l	95
68) m/p-Xylenes	11.958	106	11640	1.546	ug/l	99
69) o-Xylene	12.283	106	5668	0.767	ug/l	91
70) Styrene	12.296	104	9160	0.749	ug/l	93
71) Bromoform	12.463	173	1291	0.436	ug/l #	75
73) Isopropylbenzene	12.581	105	15432	0.983	ug/l	96
74) N-amyl acetate	12.393	43	6592	0.861	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	4825	1.019	ug/l #	95
76) 1,2,3-Trichloropropane	12.881	75	4177m	0.966	ug/l	
77) Bromobenzene	12.865	156	2755	0.874	ug/l	76
78) n-propylbenzene	12.924	91	18208	0.968	ug/l	93
79) 2-Chlorotoluene	13.012	91	11277	0.971	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	11781	0.895	ug/l	100
82) 4-Chlorotoluene	13.109	91	10511	0.912	ug/l	99
83) tert-Butylbenzene	13.323	119	9458	0.907	ug/l	98
84) 1,2,4-Trimethylbenzene	13.369	105	11715	0.902	ug/l	100
85) sec-Butylbenzene	13.503	105	13767	0.921	ug/l	100
86) p-Isopropyltoluene	13.619	119	9823	0.824	ug/l	95
87) 1,3-Dichlorobenzene	13.616	146	4756	0.842	ug/l	82
88) 1,4-Dichlorobenzene	13.696	146	5092m	0.896	ug/l	
89) n-Butylbenzene	13.946	91	9910	0.876	ug/l	96
90) Hexachloroethane	14.209	117	1729	0.747	ug/l	69
91) 1,2-Dichlorobenzene	13.989	146	4456	0.825	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.605	75	733	0.648	ug/l #	57
93) 1,2,4-Trichlorobenzene	15.260	180	1738	0.631	ug/l	90
94) Hexachlorobutadiene	15.367	225	1032	0.662	ug/l #	71
95) Naphthalene	15.509	128	4504	0.534	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.708	180	1329	0.502	ug/l #	81

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

