

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092321\
 Data File : VN068612.D
 Acq On : 23 Sep 2021 10:30
 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
 9/24/2021 6:58:42 PM

Quant Time: Sep 23 12:12:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 12:11:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	494969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	841112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	748476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	263482	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	5429	0.795	ug/l	97
3) Chloromethane	2.303	50	9843	1.277	ug/l	98
4) Vinyl Chloride	2.443	62	9725	1.310	ug/l #	18
6) Chloroethane	3.022	64	6532m	1.441	ug/l	
7) Trichlorofluoromethane	3.376	101	10255	1.014	ug/l	100
8) Diethyl Ether	3.837	74	3260m	0.812	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.213	101	5522	0.926	ug/l #	78
12) 1,1-Dichloroethene	4.191	96	5111	0.888	ug/l #	74
14) Allyl chloride	4.851	41	9865	0.775	ug/l	92
15) Acrylonitrile	5.554	53	13941	4.045	ug/l #	84
16) Acetone	4.293	43	20903	5.725	ug/l	96
17) Carbon Disulfide	4.535	76	15269	0.825	ug/l #	94
18) Methyl Acetate	4.857	43	13315	1.412	ug/l #	71
19) Methyl tert-butyl Ether	5.616	73	17856	0.784	ug/l	93
20) Methylene Chloride	5.103	84	9773m	1.285	ug/l	
21) trans-1,2-Dichloroethene	5.597	96	5469	0.856	ug/l	90
22) Diisopropyl ether	6.501	45	19300	0.810	ug/l	99
23) Vinyl Acetate	6.431	43	74297m	3.477	ug/l	
24) 1,1-Dichloroethane	6.385	63	11429	0.870	ug/l #	94
25) 2-Butanone	7.343	43	23162	4.426	ug/l	100
26) 2,2-Dichloropropane	7.321	77	11172	0.857	ug/l	88
27) cis-1,2-Dichloroethene	7.319	96	6552	0.872	ug/l	81
28) Bromochloromethane	7.657	49	5133	0.838	ug/l #	92
29) Tetrahydrofuran	7.694	42	13519	4.086	ug/l #	75
30) Chloroform	7.823	83	11841	0.858	ug/l	97
32) 1,1,1-Trichloroethane	8.008	97	9802	0.781	ug/l #	52
36) 1,1-Dichloropropene	8.228	75	8794	0.949	ug/l	94
37) Ethyl Acetate	7.418	43	9998m	1.007	ug/l	
38) Carbon Tetrachloride	8.212	117	9348	0.945	ug/l	99
39) Methylcyclohexane	9.456	83	9809	0.990	ug/l	96
40) Benzene	8.458	78	25451	0.978	ug/l	98
41) Methacrylonitrile	7.673	41	6202m	1.205	ug/l	
42) 1,2-Dichloroethane	8.531	62	10403	0.962	ug/l	100
43) Isopropyl Acetate	8.566	43	17908	1.015	ug/l #	74
44) Trichloroethene	9.217	130	6117	1.002	ug/l	96
45) 1,2-Dichloropropane	9.491	63	6247	0.899	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.577	93	4364	0.928	ug/l	93
47) Bromodichloromethane	9.765	83	9127	0.873	ug/l #	97
48) Methyl methacrylate	9.561	41	6738	0.824	ug/l	95
49) 1,4-Dioxane	9.577	88	2101m	18.785	ug/l	
51) 4-Methyl-2-Pentanone	10.333	43	44736	4.335	ug/l	98
52) Toluene	10.507	92	15386	0.934	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	9184	0.794	ug/l	90
54) cis-1,3-Dichloropropene	10.191	75	9795	0.835	ug/l	95
55) 1,1,2-Trichloroethane	10.899	97	6184	0.969	ug/l	95
56) Ethyl methacrylate	10.765	69	7304	0.642	ug/l #	80
57) 1,3-Dichloropropane	11.047	76	10617	0.917	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.043	63	9747	2.992	ug/l	100
59) 2-Hexanone	11.089	43	31961	4.235	ug/l	92
60) Dibromochloromethane	11.242	129	6101	0.876	ug/l	100
61) 1,2-Dibromoethane	11.347	107	5516	0.826	ug/l	91
64) Tetrachloroethene	10.979	164	5235	1.002	ug/l	94
65) Chlorobenzene	11.773	112	16287	1.009	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.840	131	5583	0.928	ug/l #	60
67) Ethyl Benzene	11.848	91	28288	0.895	ug/l	96
68) m/p-Xylenes	11.958	106	19492	1.721	ug/l	94
69) o-Xylene	12.283	106	9336	0.844	ug/l	95
70) Styrene	12.296	104	14025	0.768	ug/l	95
71) Bromoform	12.460	173	3909	0.853	ug/l #	98
73) Isopropylbenzene	12.578	105	23062	0.920	ug/l	100
74) N-amyl acetate	12.393	43	9150	0.762	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.833	83	8236	1.099	ug/l	99
76) 1,2,3-Trichloropropane	12.886	75	7286m	1.075	ug/l	
77) Bromobenzene	12.862	156	5711	1.102	ug/l	82
78) n-propylbenzene	12.924	91	25292	0.855	ug/l	100
79) 2-Chlorotoluene	13.010	91	15793	0.862	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	16552	0.792	ug/l	87
82) 4-Chlorotoluene	13.106	91	15371	0.847	ug/l	95
83) tert-Butylbenzene	13.326	119	16485	0.974	ug/l	91
84) 1,2,4-Trimethylbenzene	13.369	105	16080	0.780	ug/l	95
85) sec-Butylbenzene	13.503	105	20723	0.869	ug/l	96
86) p-Isopropyltoluene	13.616	119	15456	0.799	ug/l	94
87) 1,3-Dichlorobenzene	13.616	146	9048	0.979	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	10531m	1.137	ug/l	
89) n-Butylbenzene	13.943	91	15460	0.867	ug/l	97
90) Hexachloroethane	14.214	117	3407	0.912	ug/l	84
91) 1,2-Dichlorobenzene	13.989	146	9638	1.103	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.606	75	1417	0.788	ug/l	91
93) 1,2,4-Trichlorobenzene	15.268	180	4001	0.884	ug/l #	85
94) Hexachlorobutadiene	15.373	225	2759	1.071	ug/l	97
95) Naphthalene	15.512	128	8651	0.640	ug/l	98
96) 1,2,3-Trichlorobenzene	15.705	180	3821	0.875	ug/l	96

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

