

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092321\
 Data File : VN068619.D
 Acq On : 23 Sep 2021 13:27
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 9/24/2021 6:58:53 PM

Quant Time: Sep 23 13:45:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 12:33:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	636310	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	1085018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	933482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	333710	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	70599	5.831	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	11.660%#
35) Dibromofluoromethane	8.027	113	50627	6.967	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	13.940%#
50) Toluene-d8	10.443	98	192943	6.838	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	13.680%#
62) 4-Bromofluorobenzene	12.733	95	56516	5.025	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	10.040%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.073	85	30604	3.485	ug/l	99
3) Chloromethane	2.301	50	54380	5.488	ug/l	98
4) Vinyl Chloride	2.440	62	50112	5.252	ug/l	99
5) Bromomethane	2.834	94	27961	6.706	ug/l	98
6) Chloroethane	3.001	64	25324	4.347	ug/l	91
7) Trichlorofluoromethane	3.368	101	61676	4.743	ug/l	93
8) Diethyl Ether	3.824	74	23211	4.497	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.213	101	35364	4.615	ug/l #	81
10) Methyl Iodide	4.422	142	42845	6.045	ug/l	91
11) Tert butyl alcohol	5.361	59	42322m	21.570	ug/l	
12) 1,1-Dichloroethene	4.183	96	32654	4.413	ug/l	88
13) Acrolein	4.047	56	17270	15.314	ug/l	99
14) Allyl chloride	4.838	41	66774	4.082	ug/l	95
15) Acrylonitrile	5.557	53	105007	23.700	ug/l	99
16) Acetone	4.291	43	104202	22.199	ug/l	97
17) Carbon Disulfide	4.529	76	96815	4.070	ug/l	98
18) Methyl Acetate	4.859	43	73860	6.095	ug/l	98
19) Methyl tert-butyl Ether	5.618	73	117179	4.003	ug/l	97
20) Methylene Chloride	5.098	84	43022	4.399	ug/l	92
21) trans-1,2-Dichloroethene	5.597	96	34935	4.256	ug/l	96
22) Diisopropyl ether	6.498	45	134988	4.410	ug/l	95
23) Vinyl Acetate	6.434	43	517289	18.831	ug/l	100
24) 1,1-Dichloroethane	6.385	63	71080	4.211	ug/l	98
25) 2-Butanone	7.337	43	150773	22.410	ug/l	98
26) 2,2-Dichloropropane	7.324	77	59930	3.576	ug/l	99
27) cis-1,2-Dichloroethene	7.329	96	40165	4.160	ug/l	98
28) Bromochloromethane	7.659	49	33938	4.308	ug/l	93
29) Tetrahydrofuran	7.691	42	87991	20.687	ug/l	99
30) Chloroform	7.820	83	69883	3.941	ug/l	99
31) Cyclohexane	8.091	56	77988	4.737	ug/l #	84
32) 1,1,1-Trichloroethane	8.013	97	59576	3.693	ug/l	99
36) 1,1-Dichloropropene	8.220	75	51950	4.347	ug/l	98
37) Ethyl Acetate	7.418	43	54589	4.262	ug/l	97
38) Carbon Tetrachloride	8.206	117	51647	4.049	ug/l	96
39) Methylcyclohexane	9.461	83	58613	4.585	ug/l	97
40) Benzene	8.461	78	152551	4.546	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	28112	4.233	ug/l	96
42) 1,2-Dichloroethane	8.531	62	60544	4.340	ug/l	100
43) Isopropyl Acetate	8.563	43	97672	4.290	ug/l	99
44) Trichloroethene	9.217	130	36648	4.652	ug/l	87
45) 1,2-Dichloropropane	9.491	63	40613	4.533	ug/l	97
46) Dibromomethane	9.579	93	26109	4.306	ug/l	91
47) Bromodichloromethane	9.765	83	53222	3.948	ug/l	99
48) Methyl methacrylate	9.561	41	42499	4.028	ug/l	99
49) 1,4-Dioxane	9.569	88	12747	88.349	ug/l	96
51) 4-Methyl-2-Pentanone	10.333	43	287875	21.623	ug/l	100
52) Toluene	10.507	92	92747	4.364	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	55611	3.727	ug/l	97
54) cis-1,3-Dichloropropene	10.191	75	59908	3.958	ug/l	94
55) 1,1,2-Trichloroethane	10.899	97	35882	4.359	ug/l	96
56) Ethyl methacrylate	10.762	69	55428	3.779	ug/l	97
57) 1,3-Dichloropropane	11.047	76	61762	4.135	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	72947	17.357	ug/l	99
59) 2-Hexanone	11.087	43	208937	21.463	ug/l	99
60) Dibromochloromethane	11.240	129	35834	3.990	ug/l	98
61) 1,2-Dibromoethane	11.350	107	36401	4.224	ug/l	98
64) Tetrachloroethene	10.980	164	31293	4.804	ug/l	89
65) Chlorobenzene	11.773	112	96786	4.808	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.843	131	33853	4.511	ug/l	97
67) Ethyl Benzene	11.846	91	172164	4.367	ug/l	98
68) m/p-Xylenes	11.953	106	124877	8.841	ug/l	90
69) o-Xylene	12.283	106	61672	4.469	ug/l	91
70) Styrene	12.296	104	94973	4.169	ug/l	95
71) Bromoform	12.460	173	24931	4.364	ug/l #	98
73) Isopropylbenzene	12.581	105	155483	4.896	ug/l	99
74) N-amyl acetate	12.390	43	65685	4.320	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	50757	5.349	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	44229m	5.152	ug/l	
77) Bromobenzene	12.862	156	35995	5.484	ug/l	82
78) n-propylbenzene	12.924	91	171536	4.576	ug/l	97
79) 2-Chlorotoluene	13.010	91	107082	4.613	ug/l	91
80) 1,3,5-Trimethylbenzene	13.061	105	122054	4.611	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.626	75	13088	3.823	ug/l	93
82) 4-Chlorotoluene	13.106	91	102455	4.456	ug/l	95
83) tert-Butylbenzene	13.326	119	108667	5.070	ug/l	89
84) 1,2,4-Trimethylbenzene	13.369	105	119325	4.568	ug/l	97
85) sec-Butylbenzene	13.503	105	145844	4.826	ug/l	97
86) p-Isopropyltoluene	13.619	119	114611	4.679	ug/l	95
87) 1,3-Dichlorobenzene	13.619	146	61255	5.231	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	63131	5.380	ug/l	99
89) n-Butylbenzene	13.946	91	99477	4.406	ug/l	98
90) Hexachloroethane	14.214	117	23985	5.072	ug/l	99
91) 1,2-Dichlorobenzene	13.989	146	59660	5.391	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.608	75	9314	4.090	ug/l	82
93) 1,2,4-Trichlorobenzene	15.268	180	31494	5.493	ug/l	98
94) Hexachlorobutadiene	15.373	225	15988	4.899	ug/l	99
95) Naphthalene	15.509	128	102222	5.970	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	32532	5.885	ug/l	97

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

