

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061724\
 Data File : VN082597.D
 Acq On : 17 Jun 2024 09:38
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/18/2024
 Supervised By : Mahesh Dadoda 06/18/2024

Quant Time: Jun 18 04:38:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:36:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	204800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	320235	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	300675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	156217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	310547	94.557	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 189.120%#			
35) Dibromofluoromethane	8.165	113	222433	102.388	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 204.780%#			
50) Toluene-d8	10.571	98	873060	106.271	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 212.540%#			
62) 4-Bromofluorobenzene	12.853	95	320192	113.047	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 226.100%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	267215	93.423	ug/l	100
3) Chloromethane	2.359	50	293097	85.480	ug/l	100
4) Vinyl Chloride	2.512	62	290546	89.040	ug/l	100
5) Bromomethane	2.930	94	164271	78.204	ug/l	98
6) Chloroethane	3.106	64	196388	84.402	ug/l	97
7) Trichlorofluoromethane	3.489	101	377845	88.756	ug/l	97
8) Diethyl Ether	3.959	74	138218	95.334	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	219315	91.974	ug/l	100
10) Methyl Iodide	4.589	142	247475	108.952	ug/l	98
11) Tert butyl alcohol	5.530	59	236488	439.965	ug/l	99
12) 1,1-Dichloroethene	4.336	96	206319	90.480	ug/l	99
13) Acrolein	4.177	56	264596	483.231	ug/l	100
14) Allyl chloride	5.024	41	417189	93.548	ug/l	98
15) Acrylonitrile	5.718	53	657146	463.157	ug/l	99
16) Acetone	4.424	43	725590	485.787	ug/l	99
17) Carbon Disulfide	4.712	76	640771	88.484	ug/l	99
18) Methyl Acetate	5.024	43	315828	86.454	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	769791	98.623	ug/l	97
20) Methylene Chloride	5.271	84	239105	90.451	ug/l	97
21) trans-1,2-Dichloroethene	5.788	96	229599	94.741	ug/l	97
22) Diisopropyl ether	6.671	45	938826	100.381	ug/l	98
23) Vinyl Acetate	6.606	43	3853915	519.636	ug/l	100
24) 1,1-Dichloroethane	6.565	63	471504	93.065	ug/l	99
25) 2-Butanone	7.482	43	1049997	494.578	ug/l	99
26) 2,2-Dichloropropane	7.488	77	426022	96.931	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	271868	93.104	ug/l	100
28) Bromochloromethane	7.818	49	212133	91.748	ug/l	98
29) Tetrahydrofuran	7.841	42	647038	497.851	ug/l	100
30) Chloroform	7.965	83	464882	94.065	ug/l	99
31) Cyclohexane	8.259	56	438120	92.435	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	410026	91.491	ug/l	98
36) 1,1-Dichloropropene	8.371	75	344711	106.145	ug/l	99
37) Ethyl Acetate	7.559	43	392855	94.967	ug/l	100
38) Carbon Tetrachloride	8.365	117	369888	101.066	ug/l	99
39) Methylcyclohexane	9.606	83	380794	111.418	ug/l	98
40) Benzene	8.606	78	1023259	101.973	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	222819	105.373	ug/l	98
42) 1,2-Dichloroethane	8.671	62	383931	100.587	ug/l	100
43) Isopropyl Acetate	8.688	43	686270	89.676	ug/l	99
44) Trichloroethene	9.353	130	231639	99.412	ug/l	99
45) 1,2-Dichloropropane	9.624	63	263937	102.186	ug/l	99
46) Dibromomethane	9.712	93	175694	100.347	ug/l	99
47) Bromodichloromethane	9.888	83	374444	100.311	ug/l	99
48) Methyl methacrylate	9.682	41	328080	102.942	ug/l	100
49) 1,4-Dioxane	9.700	88	101596	2037.993	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	2091811	527.526	ug/l	100
52) Toluene	10.635	92	653178	107.408	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	419850	110.023	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	429892	108.941	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	231859	105.339	ug/l	98
56) Ethyl methacrylate	10.876	69	418476	114.792	ug/l	99
57) 1,3-Dichloropropane	11.165	76	422353	103.797	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	1096974	568.830	ug/l	99
59) 2-Hexanone	11.200	43	1713693	568.610	ug/l	99
60) Dibromochloromethane	11.365	129	281946	104.935	ug/l	100
61) 1,2-Dibromoethane	11.470	107	234148	100.896	ug/l	98
64) Tetrachloroethene	11.106	164	234255	94.491	ug/l	98
65) Chlorobenzene	11.894	112	682139	98.933	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	245187	99.726	ug/l	100
67) Ethyl Benzene	11.965	91	1267204	107.861	ug/l	99
68) m/p-Xylenes	12.070	106	971539	222.281	ug/l	99
69) o-Xylene	12.400	106	465839	113.442	ug/l	98
70) Styrene	12.412	104	809349	116.126	ug/l	100
71) Bromoform	12.582	173	200691	103.246	ug/l #	99
73) Isopropylbenzene	12.700	105	1201484	101.285	ug/l	100
74) N-amyl acetate	12.494	43	628318	99.247	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	331206	85.596	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	330949m	91.514	ug/l	
77) Bromobenzene	12.982	156	288823	94.591	ug/l	99
78) n-propylbenzene	13.035	91	1456174	103.778	ug/l	100
79) 2-Chlorotoluene	13.129	91	859731	97.703	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	1018233	105.773	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	147834	94.402	ug/l	94
82) 4-Chlorotoluene	13.223	91	879131	100.012	ug/l	99
83) tert-Butylbenzene	13.441	119	852407	103.952	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	1030176	106.677	ug/l	100
85) sec-Butylbenzene	13.617	105	1220572	104.807	ug/l	100
86) p-Isopropyltoluene	13.729	119	1043344	111.253	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	544504	98.353	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	533290	95.856	ug/l	99
89) n-Butylbenzene	14.059	91	917036	110.237	ug/l	99
90) Hexachloroethane	14.335	117	194685	95.411	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	500532	92.594	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	77053	94.093	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	287878	100.994	ug/l	100
94) Hexachlorobutadiene	15.506	225	123302	87.733	ug/l	99
95) Naphthalene	15.641	128	936310	106.769	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	285703	98.353	ug/l	98

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

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