

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032523\
 Data File : VN077192.D
 Acq On : 24 Mar 2023 22:54
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 27 02:27:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032523W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 27 02:24:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 03/27/2023
 Supervised By : Mahesh Dadoda 03/27/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	462272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	805956	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	738919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	347614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	733983	101.550	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 203.100%#			
35) Dibromofluoromethane	8.172	113	552549	101.036	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 202.080%#			
50) Toluene-d8	10.572	98	2087199	101.855	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 203.720%#			
62) 4-Bromofluorobenzene	12.848	95	733739	109.101	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 218.200%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	510647	105.895	ug/l	99
3) Chloromethane	2.372	50	692995	102.439	ug/l	94
4) Vinyl Chloride	2.525	62	780152	102.100	ug/l	99
5) Bromomethane	2.925	94	516494	84.682	ug/l	97
6) Chloroethane	3.113	64	542472	81.887	ug/l	99
7) Trichlorofluoromethane	3.501	101	1025236	87.502	ug/l	97
8) Diethyl Ether	3.972	74	372807	96.669	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.384	101	475472	94.814	ug/l	97
10) Methyl Iodide	4.601	142	645061	114.012	ug/l	97
11) Tert butyl alcohol	5.537	59	540265	548.453	ug/l	99
12) 1,1-Dichloroethene	4.348	96	482446	101.145	ug/l	90
13) Acrolein	4.190	56	714990	517.491	ug/l	98
14) Allyl chloride	5.037	41	885266	98.789	ug/l #	83
15) Acrylonitrile	5.731	53	1605056	522.650	ug/l	99
16) Acetone	4.437	43	1352094	503.110	ug/l	90
17) Carbon Disulfide	4.725	76	1358099	101.754	ug/l	96
18) Methyl Acetate	5.031	43	1099012	102.217	ug/l #	81
19) Methyl tert-butyl Ether	5.807	73	1851220	109.182	ug/l	96
20) Methylene Chloride	5.290	84	588953	98.413	ug/l #	79
21) trans-1,2-Dichloroethene	5.795	96	526188	100.524	ug/l #	83
22) Diisopropyl ether	6.684	45	2042342	105.736	ug/l #	91
23) Vinyl Acetate	6.613	43	6989102	560.752	ug/l #	89
24) 1,1-Dichloroethane	6.578	63	1098650	101.739	ug/l	95
25) 2-Butanone	7.489	43	2219037	528.076	ug/l #	81
26) 2,2-Dichloropropane	7.495	77	771658	103.621	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	631796	104.637	ug/l	85
28) Bromochloromethane	7.819	49	523830	95.126	ug/l #	73
29) Tetrahydrofuran	7.842	42	1481831	532.324	ug/l #	74
30) Chloroform	7.972	83	1080119	101.553	ug/l	99
31) Cyclohexane	8.266	56	936969	93.316	ug/l	84
32) 1,1,1-Trichloroethane	8.172	97	934198	102.306	ug/l	97
36) 1,1-Dichloropropene	8.378	75	782483	102.805	ug/l	96
37) Ethyl Acetate	7.566	43	895499	105.553	ug/l #	90
38) Carbon Tetrachloride	8.366	117	792374	102.675	ug/l	98
39) Methylcyclohexane	9.607	83	953927	107.307	ug/l #	86
40) Benzene	8.613	78	2357084	101.047	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	481374	103.812	ug/l #	82
42) 1,2-Dichloroethane	8.672	62	891996	101.419	ug/l	94
43) Isopropyl Acetate	8.695	43	1510632	110.369	ug/l #	86
44) Trichloroethene	9.354	130	555508	103.938	ug/l	98
45) 1,2-Dichloropropane	9.625	63	632894	102.018	ug/l	98
46) Dibromomethane	9.713	93	418054	103.104	ug/l	97
47) Bromodichloromethane	9.889	83	857809	106.373	ug/l	95
48) Methyl methacrylate	9.683	41	733111	111.227	ug/l #	75
49) 1,4-Dioxane	9.701	88	229371	2041.325	ug/l #	79
51) 4-Methyl-2-Pentanone	10.448	43	4680762	543.524	ug/l #	86
52) Toluene	10.630	92	1493642	104.994	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	928965	113.522	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	987943	110.317	ug/l #	84
55) 1,1,2-Trichloroethane	11.019	97	579569	103.782	ug/l	96
56) Ethyl methacrylate	10.877	69	990462	120.146	ug/l #	69
57) 1,3-Dichloropropane	11.166	76	1040730	104.535	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.166	63	1853655	576.420	ug/l	89
59) 2-Hexanone	11.201	43	3397697	548.978	ug/l	84
60) Dibromochloromethane	11.360	129	639207	111.419	ug/l	96
61) 1,2-Dibromoethane	11.471	107	597077	107.582	ug/l	99
64) Tetrachloroethene	11.107	164	455317	99.335	ug/l	96
65) Chlorobenzene	11.895	112	1539961	103.438	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.966	131	567085	104.263	ug/l	99
67) Ethyl Benzene	11.966	91	2845350	105.057	ug/l	99
68) m/p-Xylenes	12.071	106	2194353	213.014	ug/l	96
69) o-Xylene	12.401	106	1085398	108.804	ug/l	93
70) Styrene	12.413	104	1790125	111.094	ug/l	96
71) Bromoform	12.583	173	457183	113.481	ug/l #	99
73) Isopropylbenzene	12.701	105	2816915	102.994	ug/l	97
74) N-amyl acetate	12.495	43	1339736	112.413	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.942	83	874376	95.712	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	661175m	88.045	ug/l	
77) Bromobenzene	12.983	156	642194	101.994	ug/l	94
78) n-propylbenzene	13.036	91	3298344	104.570	ug/l	97
79) 2-Chlorotoluene	13.130	91	1961368	101.120	ug/l	95
80) 1,3,5-Trimethylbenzene	13.177	105	2356336	103.456	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.736	75	282864	115.612	ug/l #	76
82) 4-Chlorotoluene	13.224	91	1877395	101.974	ug/l	96
83) tert-Butylbenzene	13.442	119	1988102	103.206	ug/l	95
84) 1,2,4-Trimethylbenzene	13.483	105	2337533	104.436	ug/l	96
85) sec-Butylbenzene	13.618	105	2888238	105.122	ug/l	98
86) p-Isopropyltoluene	13.730	119	2385155	108.393	ug/l	97
87) 1,3-Dichlorobenzene	13.736	146	1176258	103.504	ug/l	100
88) 1,4-Dichlorobenzene	13.813	146	1166910	102.664	ug/l	100
89) n-Butylbenzene	14.060	91	2081148	115.361	ug/l	98
90) Hexachloroethane	14.336	117	430426	104.965	ug/l	92
91) 1,2-Dichlorobenzene	14.107	146	1143907	100.917	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	174438	107.909	ug/l	89
93) 1,2,4-Trichlorobenzene	15.395	180	592074	102.254	ug/l	99
94) Hexachlorobutadiene	15.507	225	283479	98.589	ug/l	98
95) Naphthalene	15.642	128	2060234	103.438	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	586579	102.513	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

