

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032523\
 Data File : VN077189.D
 Acq On : 24 Mar 2023 21:42
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Mar 27 02:26:56 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	8.231	168	423061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	742192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	666554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	290581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	135052	20.417	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	40.840%#		
35) Dibromofluoromethane	8.172	113	103465	20.544	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	41.080%#		
50) Toluene-d8	10.572	98	390749	20.707	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	41.420%#		
62) 4-Bromofluorobenzene	12.848	95	125926	20.333	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	40.660%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	93374	21.158	ug/l	96
3) Chloromethane	2.378	50	133085	21.496	ug/l	96
4) Vinyl Chloride	2.531	62	143715	20.552	ug/l	94
5) Bromomethane	2.960	94	122792	21.998	ug/l	97
6) Chloroethane	3.137	64	131923	21.760	ug/l	98
7) Trichlorofluoromethane	3.507	101	310797	28.985	ug/l	95
8) Diethyl Ether	3.978	74	63769	18.068	ug/l	60
9) 1,1,2-Trichlorotrifluo...	4.396	101	94865	20.670	ug/l	98
10) Methyl Iodide	4.601	142	103419	19.973	ug/l	99
11) Tert butyl alcohol	5.537	59	89711	99.511	ug/l	99
12) 1,1-Dichloroethene	4.354	96	86782	19.880	ug/l #	79
13) Acrolein	4.196	56	128257	101.433	ug/l	99
14) Allyl chloride	5.037	41	167711	20.450	ug/l #	78
15) Acrylonitrile	5.737	53	288088	102.504	ug/l	99
16) Acetone	4.443	43	254312	103.399	ug/l	98
17) Carbon Disulfide	4.725	76	249697	20.442	ug/l	99
18) Methyl Acetate	5.031	43	198912	20.215	ug/l #	80
19) Methyl tert-butyl Ether	5.807	73	315377	20.324	ug/l	96
20) Methylene Chloride	5.290	84	111447	20.349	ug/l #	73
21) trans-1,2-Dichloroethene	5.801	96	94386	19.703	ug/l #	82
22) Diisopropyl ether	6.684	45	365007	20.649	ug/l #	89
23) Vinyl Acetate	6.613	43	1145127	100.392	ug/l #	87
24) 1,1-Dichloroethane	6.584	63	201897	20.429	ug/l	96
25) 2-Butanone	7.489	43	394636	102.618	ug/l #	83
26) 2,2-Dichloropropane	7.501	77	135374	19.863	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	111654	20.206	ug/l	81
28) Bromochloromethane	7.819	49	101744	20.189	ug/l #	74
29) Tetrahydrofuran	7.842	42	265325	104.148	ug/l #	74
30) Chloroform	7.972	83	197199	20.259	ug/l	95
31) Cyclohexane	8.260	56	183018	19.917	ug/l #	83
32) 1,1,1-Trichloroethane	8.172	97	170088	20.353	ug/l	94
36) 1,1-Dichloropropene	8.378	75	140701	20.074	ug/l	96
37) Ethyl Acetate	7.566	43	163360	20.910	ug/l #	88
38) Carbon Tetrachloride	8.372	117	144716	20.363	ug/l	96
39) Methylcyclohexane	9.607	83	167879	20.507	ug/l #	80
40) Benzene	8.613	78	438370	20.407	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	88703	20.773	ug/l #	80
42) 1,2-Dichloroethane	8.672	62	164085	20.259	ug/l	94
43) Isopropyl Acetate	8.695	43	252432	20.028	ug/l #	85
44) Trichloroethene	9.354	130	96283	19.563	ug/l	94
45) 1,2-Dichloropropane	9.625	63	115670	20.247	ug/l	100
46) Dibromomethane	9.707	93	76661	20.531	ug/l	98
47) Bromodichloromethane	9.889	83	146241	19.693	ug/l	96
48) Methyl methacrylate	9.683	41	123543	20.354	ug/l #	77
49) 1,4-Dioxane	9.701	88	43424	419.661	ug/l #	80
51) 4-Methyl-2-Pentanone	10.448	43	812230	102.418	ug/l #	85
52) Toluene	10.636	92	267490	20.418	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	146005	19.375	ug/l	98
54) cis-1,3-Dichloropropene	10.319	75	162955	19.759	ug/l #	83
55) 1,1,2-Trichloroethane	11.019	97	104095	20.241	ug/l	93
56) Ethyl methacrylate	10.878	69	149319	19.669	ug/l #	64
57) 1,3-Dichloropropane	11.166	76	186028	20.291	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.166	63	279518	94.388	ug/l	90
59) 2-Hexanone	11.195	43	584853	102.615	ug/l	82
60) Dibromochloromethane	11.360	129	105781	20.023	ug/l	97
61) 1,2-Dibromoethane	11.472	107	101446	19.849	ug/l	99
64) Tetrachloroethene	11.107	164	84338	20.397	ug/l	94
65) Chlorobenzene	11.895	112	273959	20.399	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.960	131	102953	20.984	ug/l	95
67) Ethyl Benzene	11.966	91	496746	20.332	ug/l	97
68) m/p-Xylenes	12.072	106	383505	41.270	ug/l	98
69) o-Xylene	12.401	106	184145	20.463	ug/l	92
70) Styrene	12.413	104	289673	19.929	ug/l	94
71) Bromoform	12.577	173	71353	19.634	ug/l #	99
73) Isopropylbenzene	12.695	105	473411	20.706	ug/l	97
74) N-amyl acetate	12.495	43	202494	20.326	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.942	83	156404	20.481	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	134589m	21.440	ug/l	
77) Bromobenzene	12.983	156	108023	20.524	ug/l	93
78) n-propylbenzene	13.036	91	543328	20.606	ug/l	96
79) 2-Chlorotoluene	13.130	91	333588	20.574	ug/l	95
80) 1,3,5-Trimethylbenzene	13.177	105	397418	20.874	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.742	75	39630	19.377	ug/l #	76
82) 4-Chlorotoluene	13.224	91	315425	20.496	ug/l	96
83) tert-Butylbenzene	13.442	119	332050	20.621	ug/l	95
84) 1,2,4-Trimethylbenzene	13.483	105	397637	21.252	ug/l	95
85) sec-Butylbenzene	13.618	105	479166	20.863	ug/l	96
86) p-Isopropyltoluene	13.730	119	380675	20.695	ug/l	97
87) 1,3-Dichlorobenzene	13.736	146	190182	20.020	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	192179	20.226	ug/l	99
89) n-Butylbenzene	14.060	91	296779	19.680	ug/l	96
90) Hexachloroethane	14.336	117	70006	20.423	ug/l	93
91) 1,2-Dichlorobenzene	14.107	146	193051	20.374	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	27329	20.224	ug/l	82
93) 1,2,4-Trichlorobenzene	15.395	180	74742	19.157	ug/l	98
94) Hexachlorobutadiene	15.507	225	48128	20.023	ug/l	98
95) Naphthalene	15.648	128	235149	19.231	ug/l	99
96) 1,2,3-Trichlorobenzene	15.848	180	72653	19.149	ug/l	97

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

