

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062822\
 Data File : VN073195.D
 Acq On : 28 Jun 2022 10:58
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Jun 28 11:53:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 11:50:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/30/2022
 Supervised By :Semsettin Yesilyurt 06/30/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	258568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	452542	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	404463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	191192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	68636	19.404	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	38.800%#		
35) Dibromofluoromethane	7.945	113	53647	19.011	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.020%#		
50) Toluene-d8	10.375	98	187827	18.107	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	36.220%#		
62) 4-Bromofluorobenzene	12.669	95	72602	18.930	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	37.860%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	80312	29.637	ug/l	100
3) Chloromethane	2.269	50	74309	25.081	ug/l	99
4) Vinyl Chloride	2.410	62	64012	27.015	ug/l	97
5) Bromomethane	2.810	94	30695	31.498	ug/l	98
6) Chloroethane	2.975	64	37039	25.282	ug/l	98
7) Trichlorofluoromethane	3.322	101	112333	28.141	ug/l	91
8) Diethyl Ether	3.769	74	45714	23.685	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.146	101	64210	24.545	ug/l	97
10) Methyl Iodide	4.351	142	67630	22.189	ug/l	95
11) Tert butyl alcohol	5.287	59	91576	99.670	ug/l	96
12) 1,1-Dichloroethene	4.122	96	61324	23.731	ug/l	97
13) Acrolein	3.987	56	60356	148.361	ug/l	100
14) Allyl chloride	4.769	41	126369	22.875	ug/l	95
15) Acrylonitrile	5.475	53	236590	110.102	ug/l	99
16) Acetone	4.222	43	212862	107.372	ug/l	97
17) Carbon Disulfide	4.457	76	160283	23.886	ug/l	98
18) Methyl Acetate	4.775	43	116317	21.925	ug/l	90
19) Methyl tert-butyl Ether	5.534	73	227704	23.580	ug/l	98
20) Methylene Chloride	5.010	84	73902	21.953	ug/l	87
21) trans-1,2-Dichloroethene	5.510	96	65179	23.300	ug/l	95
22) Diisopropyl ether	6.410	45	247473	24.098	ug/l	93
23) Vinyl Acetate	6.351	43	1110052	117.189	ug/l	95
24) 1,1-Dichloroethane	6.310	63	126720	23.556	ug/l	98
25) 2-Butanone	7.257	43	346101	110.061	ug/l	91
26) 2,2-Dichloropropane	7.239	77	111132	22.990	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	79742	23.731	ug/l	96
28) Bromochloromethane	7.586	49	56715	25.088	ug/l	85
29) Tetrahydrofuran	7.610	42	232742	111.567	ug/l	88
30) Chloroform	7.745	83	128935	23.674	ug/l	96
31) Cyclohexane	8.016	56	122264	24.288	ug/l	88
32) 1,1,1-Trichloroethane	7.945	97	115572	24.101	ug/l	98
36) 1,1-Dichloropropene	8.145	75	93151	23.693	ug/l	98
37) Ethyl Acetate	7.334	43	140245	22.473	ug/l	96
38) Carbon Tetrachloride	8.133	117	95734	23.272	ug/l	98
39) Methylcyclohexane	9.392	83	116162	24.404	ug/l	98
40) Benzene	8.386	78	292327	23.750	ug/l	98

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 Supervised By :Semsettin Yesilyurt 06/30/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	68196	23.234	ug/l #	86
42) 1,2-Dichloroethane	8.463	62	105555	24.078	ug/l	100
43) Isopropyl Acetate	8.492	43	204311	22.910	ug/l	94
44) Trichloroethene	9.151	130	71639	22.873	ug/l	95
45) 1,2-Dichloropropane	9.422	63	73598	23.347	ug/l	99
46) Dibromomethane	9.510	93	48386	22.817	ug/l	96
47) Bromodichloromethane	9.698	83	98720	23.396	ug/l	98
48) Methyl methacrylate	9.492	41	93362	22.636	ug/l	90
49) 1,4-Dioxane	9.498	88	38463	426.835	ug/l #	94
51) 4-Methyl-2-Pentanone	10.269	43	663140	114.405	ug/l	90
52) Toluene	10.439	92	179505	23.764	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	108703	23.920	ug/l	100
54) cis-1,3-Dichloropropene	10.127	75	115282	23.256	ug/l #	91
55) 1,1,2-Trichloroethane	10.833	97	73211	22.267	ug/l	96
56) Ethyl methacrylate	10.698	69	120072	22.718	ug/l #	86
57) 1,3-Dichloropropane	10.980	76	126284	22.952	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	267836	114.495	ug/l	97
59) 2-Hexanone	11.022	43	503223	112.352	ug/l	89
60) Dibromochloromethane	11.174	129	74507	23.957	ug/l	96
61) 1,2-Dibromoethane	11.280	107	74163	22.742	ug/l	97
64) Tetrachloroethene	10.916	164	67628	25.927	ug/l	95
65) Chlorobenzene	11.704	112	182868	22.604	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	67634	22.005	ug/l	99
67) Ethyl Benzene	11.780	91	339679	23.660	ug/l	99
68) m/p-Xylenes	11.886	106	255213	45.516	ug/l	96
69) o-Xylene	12.216	106	129763	23.142	ug/l	97
70) Styrene	12.233	104	205891	22.925	ug/l	100
71) Bromoform	12.392	173	50562	21.858	ug/l #	99
73) Isopropylbenzene	12.516	105	333942	22.070	ug/l	99
74) N-amyl acetate	12.327	43	161068	20.612	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.763	83	108368	20.151	ug/l	99
76) 1,2,3-Trichloropropane	12.816	75	92679m	19.645	ug/l	
77) Bromobenzene	12.798	156	76079	21.163	ug/l	89
78) n-propylbenzene	12.857	91	371938	22.260	ug/l	98
79) 2-Chlorotoluene	12.945	91	230949	21.444	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	271647	21.912	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	36559	20.907	ug/l	92
82) 4-Chlorotoluene	13.039	91	221664	21.732	ug/l	98
83) tert-Butylbenzene	13.263	119	241108	21.300	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	267952	21.655	ug/l	98
85) sec-Butylbenzene	13.439	105	329399	21.695	ug/l	99
86) p-Isopropyltoluene	13.551	119	269422	21.981	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	134640	20.852	ug/l	100
88) 1,4-Dichlorobenzene	13.627	146	132447	20.325	ug/l	98
89) n-Butylbenzene	13.880	91	211966	21.100	ug/l	98
90) Hexachloroethane	14.145	117	50676	21.923	ug/l	84
91) 1,2-Dichlorobenzene	13.921	146	142758	21.283	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.539	75	26170	18.004	ug/l	92
93) 1,2,4-Trichlorobenzene	15.192	180	71738	19.453	ug/l	98
94) Hexachlorobutadiene	15.298	225	30577	19.100	ug/l	98
95) Naphthalene	15.427	128	283661	18.941	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	72293	18.299	ug/l	98

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

