

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021522\
 Data File : VN070947.D
 Acq On : 15 Feb 2022 12:59
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Feb 16 07:13:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:10:17 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/21/2022
 Supervised By :Semsettin Yesilyurt 02/21/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	769401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1198171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1083634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	455054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	46405	5.280	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	10.560%#		
35) Dibromofluoromethane	8.010	113	35584	4.993	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	9.980%#		
50) Toluene-d8	10.433	98	146948	5.134	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	10.260%#		
62) 4-Bromofluorobenzene	12.721	95	49718	4.860	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	9.720%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	40590	5.079	ug/l	97
3) Chloromethane	2.299	50	53034	5.280	ug/l	98
4) Vinyl Chloride	2.446	62	50110	4.984	ug/l	97
5) Bromomethane	2.840	94	32863	5.753	ug/l	92
6) Chloroethane	3.010	64	36691	5.562	ug/l	97
7) Trichlorofluoromethane	3.375	101	63544	5.043	ug/l	96
8) Diethyl Ether	3.816	74	28550	5.212	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.204	101	39911	5.162	ug/l	95
10) Methyl Iodide	4.416	142	49321	4.606	ug/l	97
11) Tert butyl alcohol	5.369	59	35801	22.351	ug/l #	92
12) 1,1-Dichloroethene	4.169	96	38357	5.092	ug/l	90
13) Acrolein	4.034	56	48500	33.886	ug/l	98
14) Allyl chloride	4.840	41	66507	4.630	ug/l	88
15) Acrylonitrile	5.545	53	112032	23.746	ug/l	97
16) Acetone	4.281	43	117776	24.332	ug/l	94
17) Carbon Disulfide	4.522	76	108533	5.025	ug/l	100
18) Methyl Acetate	4.845	43	61650	5.278	ug/l	97
19) Methyl tert-butyl Ether	5.604	73	127835	4.838	ug/l	96
20) Methylene Chloride	5.093	84	45923	5.220	ug/l	96
21) trans-1,2-Dichloroethene	5.587	96	41967	5.191	ug/l	98
22) Diisopropyl ether	6.492	45	136926	4.970	ug/l	91
23) Vinyl Acetate	6.428	43	563643	24.167	ug/l	99
24) 1,1-Dichloroethane	6.375	63	78325	5.071	ug/l	99
25) 2-Butanone	7.328	43	156279	24.271	ug/l	95
26) 2,2-Dichloropropane	7.316	77	62119	4.839	ug/l	99
27) cis-1,2-Dichloroethene	7.316	96	46941	5.052	ug/l	95
28) Bromochloromethane	7.645	49	32909	5.264	ug/l	93
29) Tetrahydrofuran	7.681	42	102089	24.474	ug/l	96
30) Chloroform	7.804	83	79566	5.238	ug/l	96
31) Cyclohexane	8.086	56	87514	5.757	ug/l #	92
32) 1,1,1-Trichloroethane	8.004	97	66060	5.036	ug/l	96
36) 1,1-Dichloropropene	8.216	75	57703	4.942	ug/l	98
37) Ethyl Acetate	7.404	43	64651	5.163	ug/l	99
38) Carbon Tetrachloride	8.198	117	57355	4.986	ug/l	97
39) Methylcyclohexane	9.451	83	74455	4.956	ug/l	95
40) Benzene	8.451	78	179569	5.199	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	31529	4.781	ug/l	90
42) 1,2-Dichloroethane	8.522	62	61065	5.191	ug/l	97
43) Isopropyl Acetate	8.551	43	93418	4.733	ug/l	96
44) Trichloroethene	9.210	130	47274	5.198	ug/l	94
45) 1,2-Dichloropropane	9.480	63	44920	5.077	ug/l	96
46) Dibromomethane	9.569	93	29536	5.073	ug/l	98
47) Bromodichloromethane	9.757	83	58657	4.985	ug/l	96
48) Methyl methacrylate	9.551	41	43834	4.692	ug/l #	85
49) 1,4-Dioxane	9.563	88	16115	97.117	ug/l	95
51) 4-Methyl-2-Pentanone	10.322	43	288402	24.016	ug/l	97
52) Toluene	10.498	92	111379	5.132	ug/l	95
53) t-1,3-Dichloropropene	10.710	75	60540	4.732	ug/l	95
54) cis-1,3-Dichloropropene	10.180	75	67153	4.779	ug/l	99
55) 1,1,2-Trichloroethane	10.892	97	42282	4.977	ug/l	88
56) Ethyl methacrylate	10.757	69	57486	4.491	ug/l #	93
57) 1,3-Dichloropropane	11.039	76	72766	4.952	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	35959	16.748	ug/l	99
59) 2-Hexanone	11.080	43	190083	23.015	ug/l	96
60) Dibromochloromethane	11.227	129	43246	4.817	ug/l	95
61) 1,2-Dibromoethane	11.339	107	43070	4.985	ug/l	95
64) Tetrachloroethene	10.969	164	45901	5.439	ug/l	96
65) Chlorobenzene	11.763	112	119501	5.118	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.833	131	40414	4.748	ug/l	99
67) Ethyl Benzene	11.839	91	206240	5.046	ug/l	95
68) m/p-Xylenes	11.951	106	156095	9.888	ug/l	100
69) o-Xylene	12.274	106	75872	4.920	ug/l	98
70) Styrene	12.286	104	116803	4.763	ug/l	98
71) Bromoform	12.451	173	31549	4.654	ug/l #	98
73) Isopropylbenzene	12.569	105	197042	5.380	ug/l	99
74) N-amyl acetate	12.386	43	51201	4.373	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	65386	5.618	ug/l	97
76) 1,2,3-Trichloropropane	12.874	75	52280m	4.618	ug/l	
77) Bromobenzene	12.857	156	47619	5.311	ug/l	91
78) n-propylbenzene	12.916	91	206125	5.009	ug/l	99
79) 2-Chlorotoluene	12.998	91	127706	5.110	ug/l	98
80) 1,3,5-Trimethylbenzene	13.051	105	155791	5.250	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	14649	4.430	ug/l	89
82) 4-Chlorotoluene	13.098	91	123220	5.079	ug/l	95
83) tert-Butylbenzene	13.316	119	140093	4.978	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	153492	5.255	ug/l	99
85) sec-Butylbenzene	13.498	105	189109	5.100	ug/l	99
86) p-Isopropyltoluene	13.610	119	148590	4.881	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	80283	5.058	ug/l	96
88) 1,4-Dichlorobenzene	13.686	146	80707	5.190	ug/l	95
89) n-Butylbenzene	13.939	91	111807	4.502	ug/l	97
90) Hexachloroethane	14.198	117	25551	4.700	ug/l	93
91) 1,2-Dichlorobenzene	13.986	146	75166	5.043	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	8326	4.415	ug/l	96
93) 1,2,4-Trichlorobenzene	15.257	180	31519	4.255	ug/l	96
94) Hexachlorobutadiene	15.362	225	27745	5.105	ug/l	99
95) Naphthalene	15.498	128	49606	3.233	ug/l	97
96) 1,2,3-Trichlorobenzene	15.692	180	27162	4.054	ug/l	97

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

