Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012723\
Data File : BF132209.D
Acq On : 27 Jan 2023 21:01
Operator : CG\JU
Sample : N3980-07
Misc : LOD-MDL-WATER 8ppm
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 28 04:03:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 28 02:25:45 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.078	152	239601	20.000	ng		0.00
21) Naphthalene-d8	8.366	136	866646	20.000	ng		0.00
39) Acenaphthene-d10	10.131	164	461128	20.000	ng		0.00
64) Phenanthrene-d10	11.630	188	835221	20.000	ng		0.00
76) Chrysene-d12	14.289	240	511327	20.000	ng		0.00
86) Perylene-d12	15.883	264	417266	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.701	112	1447049	100.485	ng		0.00
7) Phenol-d6	6.695	99	1797221	99.533	ng		0.00
23) Nitrobenzene-d5	7.642	82	1113861	67.287	ng		0.00
42) 2,4,6-Tribromophenol	10.925	330	493955	115.681	ng		0.00
45) 2-Fluorobiphenyl	9.442	172	1964393	62.683	ng		0.00
79) Terphenyl-d14	13.224	244	2092575	64.297	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.019	88	56706	7.824	ng		97
3) Pyridine	3.807	79	136173	6.841	ng		98
4) n-Nitrosodimethylamine	3.719	42	45953	6.897	ng	#	95
6) Aniline	6.743	93	196408m	7.768	ng		
8) 2-Chlorophenol	6.860	128	124238	8.604	ng		99
9) Benzaldehyde	6.631	77	107224	7.768	ng		97
10) Phenol	6.707	94	151800	8.076	ng		90
11) bis(2-Chloroethyl)ether	6.807	93	131134	8.087	ng		97
12) 1,3-Dichlorobenzene	7.019	146	140954	8.781	ng		99
13) 1,4-Dichlorobenzene	7.095	146	144283	9.016	ng		99
14) 1,2-Dichlorobenzene	7.248	146	135075	9.086	ng		99
15) Benzyl Alcohol	7.207	79	115957m	8.740	ng		
16) 2,2'-oxybis(1-Chloropr...	7.343	45	149830	8.137	ng		98
17) 2-Methylphenol	7.307	107	101634	7.741	ng		97
18) Hexachloroethane	7.595	117	50470	8.583	ng		90
19) n-Nitroso-di-n-propyla...	7.478	70	90632	8.339	ng		97
20) 3+4-Methylphenols	7.460	107	131362	7.961	ng		87
22) Acetophenone	7.478	105	184838	8.723	ng		99
24) Nitrobenzene	7.660	77	134386	7.852	ng		94
25) Isophorone	7.890	82	241361	7.581	ng		99
26) 2-Nitrophenol	7.972	139	53497	9.740	ng		94
27) 2,4-Dimethylphenol	7.995	122	100115	7.520	ng		98
28) bis(2-Chloroethoxy)met...	8.101	93	158502	8.087	ng		99
29) 2,4-Dichlorophenol	8.207	162	102143	8.217	ng		97
30) 1,2,4-Trichlorobenzene	8.301	180	121239	8.490	ng		100
31) Naphthalene	8.390	128	368253	8.588	ng		99
32) Benzoic acid	8.048	122	38574	10.963	ng		98
33) 4-Chloroaniline	8.425	127	150687	8.106	ng		98
34) Hexachlorobutadiene	8.501	225	74461	8.347	ng		98
35) Caprolactam	8.760	113	28344	8.053	ng		93
36) 4-Chloro-3-methylphenol	8.895	107	98995	7.777	ng		97
37) 2-Methylnaphthalene	9.078	142	246320	8.372	ng		100
38) 1-Methylnaphthalene	9.178	142	232933	8.535	ng		99
40) 1,2,4,5-Tetrachloroben...	9.242	216	125094	8.083	ng		98
41) Hexachlorocyclopentadiene	9.231	237	62831	7.993	ng		99
43) 2,4,6-Trichlorophenol	9.348	196	71757	7.599	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.384	196	79762	7.213	ng		95
46) 1,1'-Biphenyl	9.542	154	308305	8.676	ng		98
47) 2-Chloronaphthalene	9.572	162	235439	8.536	ng		96
48) 2-Nitroaniline	9.660	65	53186	7.180	ng		88
49) Acenaphthylene	9.989	152	351682	8.206	ng		99
50) Dimethylphthalate	9.836	163	255360	8.160	ng		98
51) 2,6-Dinitrotoluene	9.901	165	52826	7.946	ng	#	80
52) Acenaphthene	10.160	154	217435	8.252	ng		96
53) 3-Nitroaniline	10.072	138	55432	7.535	ng		90
54) 2,4-Dinitrophenol	10.172	184	13626	10.421	ng	#	1
55) Dibenzofuran	10.336	168	324490	8.221	ng		95
56) 4-Nitrophenol	10.207	139	35369	6.654	ng		97
57) 2,4-Dinitrotoluene	10.301	165	62321	7.614	ng	#	92
58) Fluorene	10.678	166	257715	8.548	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.448	232	59198	7.534	ng		99
60) Diethylphthalate	10.536	149	243263	7.974	ng		99
61) 4-Chlorophenyl-phenyle...	10.672	204	130004	8.174	ng		90
62) 4-Nitroaniline	10.683	138	50688	7.343	ng		87
63) Azobenzene	10.831	77	244293	7.588	ng		98
65) 4,6-Dinitro-2-methylph...	10.707	198	22148	9.878	ng		95
66) n-Nitrosodiphenylamine	10.783	169	214263	8.169	ng		100
67) 4-Bromophenyl-phenylether	11.166	248	75223	7.823	ng		97
68) Hexachlorobenzene	11.230	284	83475	8.761	ng		91
69) Atrazine	11.307	200	64564	8.577	ng		98
70) Pentachlorophenol	11.419	266	34197	5.438	ng		97
71) Phenanthrene	11.654	178	360546	8.486	ng		97
72) Anthracene	11.701	178	356749	8.245	ng		98
73) Carbazole	11.854	167	307647	8.277	ng		98
74) Di-n-butylphthalate	12.177	149	340061	8.042	ng		98
75) Fluoranthene	12.848	202	353864	8.185	ng		99
77) Benzidine	12.966	184	126714	9.494	ng		96
78) Pyrene	13.083	202	367031	7.661	ng		97
80) Butylbenzylphthalate	13.695	149	105244	8.038	ng		89
81) Benzo(a)anthracene	14.277	228	279966	7.787	ng		97
82) 3,3'-Dichlorobenzidine	14.236	252	76036	7.804	ng		99
83) Chrysene	14.313	228	260026	7.761	ng		98
84) Bis(2-ethylhexyl)phtha...	14.254	149	139951	7.339	ng		98
85) Di-n-octyl phthalate	14.889	149	150678	9.603	ng		99
87) Indeno(1,2,3-cd)pyrene	17.524	276	165449	5.997	ng		99
88) Benzo(b)fluoranthene	15.395	252	197595	7.710	ng		98
89) Benzo(k)fluoranthene	15.430	252	215843	8.162	ng		99
90) Benzo(a)pyrene	15.807	252	162430	6.716	ng		99
91) Dibenzo(a,h)anthracene	17.548	278	142300	6.309	ng		98
92) Benzo(g,h,i)perylene	18.024	276	144222	6.271	ng		98

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

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