Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041723\
Data File : BF132886.D
Acq On : 17 Apr 2023 13:31
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 18 04:39:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 04:30:31 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.763	152	295080	20.000	ng		0.00
21) Naphthalene-d8	8.051	136	1189191	20.000	ng		0.00
39) Acenaphthene-d10	9.804	164	625724	20.000	ng		0.00
64) Phenanthrene-d10	11.286	188	1119565	20.000	ng		0.00
76) Chrysene-d12	13.921	240	775124	20.000	ng		0.00
86) Perylene-d12	15.351	264	732169	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	405485	21.487	ng		0.00
7) Phenol-d6	6.381	99	525571	21.826	ng		-0.02
23) Nitrobenzene-d5	7.322	82	471990	20.688	ng		-0.01
42) 2,4,6-Tribromophenol	10.586	330	120275	19.164	ng		0.00
45) 2-Fluorobiphenyl	9.127	172	954326	23.430	ng		0.00
79) Terphenyl-d14	12.868	244	975747	21.477	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.451	88	95100	10.328	ng		99
3) Pyridine	3.163	79	252986m	10.046	ng		
4) n-Nitrosodimethylamine	3.093	42	120992	10.111	ng		97
6) Aniline	6.422	93	333672	10.449	ng		99
8) 2-Chlorophenol	6.545	128	206802	10.802	ng		100
9) Benzaldehyde	6.310	77	174624	12.256	ng		99
10) Phenol	6.392	94	294311m	10.867	ng		
11) bis(2-Chloroethyl)ether	6.498	93	225208	11.014	ng		93
12) 1,3-Dichlorobenzene	6.704	146	227660	10.819	ng		99
13) 1,4-Dichlorobenzene	6.781	146	234756	11.134	ng		99
14) 1,2-Dichlorobenzene	6.934	146	224359	11.396	ng		97
15) Benzyl Alcohol	6.898	79	172985	10.482	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.045	45	382499	10.811	ng		99
17) 2-Methylphenol	7.010	107	187558	10.696	ng		98
18) Hexachloroethane	7.281	117	78256	10.694	ng		95
19) n-Nitroso-di-n-propyla...	7.175	70	160194	10.658	ng		97
20) 3+4-Methylphenols	7.163	107	237352	11.452	ng	#	86
22) Acetophenone	7.169	105	308660	11.064	ng	#	99
24) Nitrobenzene	7.345	77	240238	10.274	ng		95
25) Isophorone	7.581	82	441731	10.208	ng		99
26) 2-Nitrophenol	7.663	139	76814	8.708	ng		99
27) 2,4-Dimethylphenol	7.698	122	184500	10.253	ng		98
28) bis(2-Chloroethoxy)met...	7.798	93	276300	10.679	ng		99
29) 2,4-Dichlorophenol	7.898	162	170982	10.208	ng		96
30) 1,2,4-Trichlorobenzene	7.992	180	188279	10.411	ng		98
31) Naphthalene	8.069	128	663356	11.039	ng		99
32) Benzoic acid	7.769	122	64018m	7.131	ng		
33) 4-Chloroaniline	8.116	127	259662	10.550	ng		99
34) Hexachlorobutadiene	8.192	225	108771	10.513	ng		99
35) Caprolactam	8.457	113	46489	9.320	ng		96
36) 4-Chloro-3-methylphenol	8.592	107	178929	10.178	ng		93
37) 2-Methylnaphthalene	8.763	142	463576	11.208	ng		99
38) 1-Methylnaphthalene	8.863	142	426671	11.071	ng		100
40) 1,2,4,5-Tetrachloroben...	8.927	216	184675	10.435	ng		100
41) Hexachlorocyclopentadiene	8.922	237	84239	9.030	ng		100
43) 2,4,6-Trichlorophenol	9.033	196	109125	9.727	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.069	196	129282	9.855	ng		99
46)	1,1'-Biphenyl	9.227	154	552118	11.131	ng		99
47)	2-Chloronaphthalene	9.245	162	395552	10.776	ng		99
48)	2-Nitroaniline	9.339	65	93511	8.806	ng		99
49)	Acenaphthylene	9.663	152	637153	10.883	ng		99
50)	Dimethylphthalate	9.522	163	460888	10.654	ng		99
51)	2,6-Dinitrotoluene	9.580	165	92063	9.706	ng		87
52)	Acenaphthene	9.833	154	406297	10.769	ng		99
53)	3-Nitroaniline	9.745	138	103080	9.550	ng		99
54)	2,4-Dinitrophenol	9.851	184	25204	6.822	ng	#	86
55)	Dibenzofuran	10.004	168	593453	11.087	ng		98
56)	4-Nitrophenol	9.892	139	75607	9.430	ng		92
57)	2,4-Dinitrotoluene	9.980	165	112123	9.578	ng		97
58)	Fluorene	10.351	166	451845	11.524	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.122	232	101948	10.013	ng		99
60)	Diethylphthalate	10.227	149	423488	10.476	ng		97
61)	4-Chlorophenyl-phenyle...	10.345	204	221623	11.112	ng		96
62)	4-Nitroaniline	10.351	138	95626	9.218	ng		91
63)	Azobenzene	10.504	77	487640	10.799	ng		99
65)	4,6-Dinitro-2-methylph...	10.386	198	38355	7.153	ng		94
66)	n-Nitrosodiphenylamine	10.457	169	385941	10.585	ng		100
67)	4-Bromophenyl-phenylether	10.833	248	128932	10.085	ng		95
68)	Hexachlorobenzene	10.898	284	134242	10.121	ng		96
69)	Atrazine	10.986	200	103195	10.126	ng		96
70)	Pentachlorophenol	11.086	266	79034	9.234	ng		100
71)	Phenanthrene	11.310	178	663684	11.021	ng		99
72)	Anthracene	11.357	178	675743	10.962	ng		99
73)	Carbazole	11.510	167	568274	10.654	ng		99
74)	Di-n-butylphthalate	11.857	149	562672	9.840	ng		98
75)	Fluoranthene	12.492	202	635392	10.610	ng		99
77)	Benzidine	12.615	184	102029	8.450	ng		98
78)	Pyrene	12.721	202	661312	10.434	ng		98
80)	Butylbenzylphthalate	13.351	149	83765	10.025	ng		95
81)	Benzo(a)anthracene	13.910	228	534430	10.138	ng		99
82)	3,3'-Dichlorobenzidine	13.874	252	104891	8.226	ng		98
83)	Chrysene	13.945	228	533388	10.180	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.915	149	160473	8.004	ng	#	97
85)	Di-n-octyl phthalate	14.527	149	234276	11.044	ng		96
87)	Indeno(1,2,3-cd)pyrene	16.739	276	396225	9.471	ng		100
88)	Benzo(b)fluoranthene	14.939	252	434111	9.518	ng		99
89)	Benzo(k)fluoranthene	14.968	252	475809	10.473	ng		97
90)	Benzo(a)pyrene	15.286	252	401830	9.644	ng		98
91)	Dibenzo(a,h)anthracene	16.762	278	344469	9.663	ng		99
92)	Benzo(g,h,i)perylene	17.156	276	326524	9.567	ng		99

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

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