Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
Data File : BF132941.D
Acq On : 20 Apr 2023 17:25
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

Quant Time: Apr 21 02:14:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 20 14:15:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.763	152	336448	20.000	ng		0.00
21) Naphthalene-d8	8.045	136	1300098	20.000	ng		0.00
39) Acenaphthene-d10	9.798	164	668116	20.000	ng		0.00
64) Phenanthrene-d10	11.280	188	1155294	20.000	ng		0.00
76) Chrysene-d12	13.921	240	772053	20.000	ng		0.00
86) Perylene-d12	15.345	264	648743	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	1661723	77.230	ng		0.00
7) Phenol-d6	6.392	99	2149074	78.273	ng		0.00
23) Nitrobenzene-d5	7.328	82	1918538	76.920	ng		0.00
42) 2,4,6-Tribromophenol	10.586	330	546801	81.597	ng		0.00
45) 2-Fluorobiphenyl	9.128	172	3041594	69.936	ng		0.00
79) Terphenyl-d14	12.868	244	3329610	73.577	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.446	88	408055	38.866	ng		99
3) Pyridine	3.151	79	1115942	38.863	ng		97
4) n-Nitrosodimethylamine	3.110	42	560269	41.064	ng		100
6) Aniline	6.428	93	1442424	39.615	ng		100
8) 2-Chlorophenol	6.545	128	842917	38.615	ng		99
9) Benzaldehyde	6.304	77	590274	36.335	ng		95
10) Phenol	6.404	94	1198498	38.823	ng		97
11) bis(2-Chloroethyl)ether	6.498	93	873432	37.463	ng		100
12) 1,3-Dichlorobenzene	6.704	146	897778	37.419	ng		100
13) 1,4-Dichlorobenzene	6.781	146	897501	37.332	ng		99
14) 1,2-Dichlorobenzene	6.934	146	833517	37.133	ng		99
15) Benzyl Alcohol	6.904	79	780745	41.493	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.045	45	1577808	39.111	ng		99
17) 2-Methylphenol	7.016	107	775671	38.797	ng		99
18) Hexachloroethane	7.275	117	316791	37.969	ng		98
19) n-Nitroso-di-n-propyla...	7.181	70	649358	37.891	ng		94
20) 3+4-Methylphenols	7.169	107	913086	38.639	ng		93
22) Acetophenone	7.175	105	1108780	36.355	ng	#	99
24) Nitrobenzene	7.345	77	972464	38.039	ng		99
25) Isophorone	7.586	82	1772611	37.468	ng		99
26) 2-Nitrophenol	7.663	139	472788	49.023	ng		98
27) 2,4-Dimethylphenol	7.704	122	769314	39.105	ng		99
28) bis(2-Chloroethoxy)met...	7.798	93	1030032	36.414	ng		99
29) 2,4-Dichlorophenol	7.904	162	704775	38.488	ng		99
30) 1,2,4-Trichlorobenzene	7.986	180	734396	37.144	ng		99
31) Naphthalene	8.069	128	2420686	36.845	ng		100
32) Benzoic acid	7.816	122	531591m	53.884	ng		
33) 4-Chloroaniline	8.116	127	1054716	39.196	ng		100
34) Hexachlorobutadiene	8.186	225	406552	35.943	ng		99
35) Caprolactam	8.492	113	254466	46.664	ng		91
36) 4-Chloro-3-methylphenol	8.592	107	762613	39.678	ng		99
37) 2-Methylnaphthalene	8.757	142	1650002	36.488	ng		100
38) 1-Methylnaphthalene	8.857	142	1542369	36.605	ng		99
40) 1,2,4,5-Tetrachloroben...	8.928	216	683588	36.174	ng		99
41) Hexachlorocyclopentadiene	8.916	237	407041	40.866	ng		99
43) 2,4,6-Trichlorophenol	9.033	196	477187	39.835	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.069	196	551409	39.365	ng	99
46)	1,1'-Biphenyl	9.222	154	1926852	36.380	ng	98
47)	2-Chloronaphthalene	9.245	162	1447028	36.919	ng	98
48)	2-Nitroaniline	9.339	65	519138	45.785	ng	99
49)	Acenaphthylene	9.663	152	2307330	36.909	ng	99
50)	Dimethylphthalate	9.528	163	1734799	37.557	ng	100
51)	2,6-Dinitrotoluene	9.586	165	410030	40.487	ng	93
52)	Acenaphthene	9.833	154	1530563	37.995	ng	100
53)	3-Nitroaniline	9.751	138	478441	41.515	ng	97
54)	2,4-Dinitrophenol	9.851	184	212125	53.769	ng	96
55)	Dibenzofuran	10.004	168	2091971	36.602	ng	100
56)	4-Nitrophenol	9.904	139	359136	41.952	ng	95
57)	2,4-Dinitrotoluene	9.986	165	532756	42.624	ng	95
58)	Fluorene	10.351	166	1532366	36.601	ng	100
59)	2,3,4,6-Tetrachlorophenol	10.122	232	428768	39.440	ng	99
60)	Diethylphthalate	10.227	149	1652226	38.279	ng	98
61)	4-Chlorophenyl-phenyle...	10.339	204	773480	36.322	ng	93
62)	4-Nitroaniline	10.363	138	470313	42.459	ng	96
63)	Azobenzene	10.504	77	1770716	36.726	ng	98
65)	4,6-Dinitro-2-methylph...	10.392	198	279285	50.478	ng	99
66)	n-Nitrosodiphenylamine	10.463	169	1418381	37.697	ng	99
67)	4-Bromophenyl-phenylether	10.827	248	490626	37.190	ng	94
68)	Hexachlorobenzene	10.898	284	515456	37.661	ng	99
69)	Atrazine	10.986	200	433426	41.213	ng	99
70)	Pentachlorophenol	11.086	266	365692	41.406	ng	98
71)	Phenanthrene	11.310	178	2264888	36.447	ng	100
72)	Anthracene	11.357	178	2360313	37.104	ng	99
73)	Carbazole	11.510	167	2100397	38.160	ng	99
74)	Di-n-butylphthalate	11.851	149	2433296	41.238	ng	99
75)	Fluoranthene	12.492	202	2335142	37.787	ng	99
77)	Benzidine	12.610	184	678040	56.378	ng	96
78)	Pyrene	12.721	202	2404142	38.082	ng	100
80)	Butylbenzylphthalate	13.345	149	866713	55.940	ng	94
81)	Benzo(a)anthracene	13.910	228	1962470	37.377	ng	99
82)	3,3'-Dichlorobenzidine	13.874	252	594308	46.793	ng	98
83)	Chrysene	13.945	228	1918179	36.756	ng	100
84)	Bis(2-ethylhexyl)phtha...	13.910	149	1127525	56.463	ng	99
85)	Di-n-octyl phthalate	14.521	149	1909519	44.527	ng	97
87)	Indeno(1,2,3-cd)pyrene	16.739	276	1541602	41.587	ng	100
88)	Benzo(b)fluoranthene	14.939	252	1604352	39.701	ng	99
89)	Benzo(k)fluoranthene	14.968	252	1519813	37.754	ng	98
90)	Benzo(a)pyrene	15.286	252	1392726	37.724	ng	98
91)	Dibenzo(a,h)anthracene	16.756	278	1280890	40.553	ng	98
92)	Benzo(g,h,i)perylene	17.162	276	1306761	43.210	ng	99

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

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