Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090622\
Data File : BF130137.D
Acq On : 06 Sep 2022 14:53
Operator : CG\JU
Sample : PB147327BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 07 02:11:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 07 02:05:07 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB147327BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.698	152	230629	20.000	ng		0.00
21) Naphthalene-d8	7.981	136	977562	20.000	ng		0.00
39) Acenaphthene-d10	9.733	164	532797	20.000	ng		0.00
64) Phenanthrene-d10	11.210	188	914337	20.000	ng	#	0.00
76) Chrysene-d12	13.845	240	522868	20.000	ng		0.00
86) Perylene-d12	15.239	264	444790	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.310	112	1636202	120.440	ng		0.01
7) Phenol-d6	6.334	99	2126260	125.541	ng		0.00
23) Nitrobenzene-d5	7.269	82	1279377	84.108	ng		0.00
42) 2,4,6-Tribromophenol	10.522	330	668498	137.836	ng		0.00
45) 2-Fluorobiphenyl	9.057	172	2466230	76.744	ng		0.00
79) Terphenyl-d14	12.798	244	2730933	90.573	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.416	88	181668	28.614	ng		95
3) Pyridine	3.122	79	502025	29.488	ng		93
4) n-Nitrosodimethylamine	3.063	42	255453	38.155	ng		85
6) Aniline	6.363	93	775633	36.528	ng	#	50
8) 2-Chlorophenol	6.481	128	669973	44.932	ng		98
9) Benzaldehyde	6.245	77	320018	30.870	ng		99
10) Phenol	6.351	94	813411	42.489	ng	#	68
11) bis(2-Chloroethyl)ether	6.440	93	599392	41.208	ng		99
12) 1,3-Dichlorobenzene	6.640	146	635375	38.439	ng		95
13) 1,4-Dichlorobenzene	6.716	146	654795	39.327	ng		97
14) 1,2-Dichlorobenzene	6.869	146	626466	41.391	ng		97
15) Benzyl Alcohol	6.845	79	518551	45.424	ng		93
16) 2,2'-oxybis(1-Chloropr...	6.981	45	779191	39.416	ng	#	52
17) 2-Methylphenol	6.957	107	539038	42.968	ng	#	87
18) Hexachloroethane	7.210	117	234008	38.921	ng		95
19) n-Nitroso-di-n-propyla...	7.122	70	424576	41.611	ng		92
20) 3+4-Methylphenols	7.110	107	626223	42.567	ng	#	73
22) Acetophenone	7.116	105	843487	38.621	ng	#	98
24) Nitrobenzene	7.287	77	634973	39.251	ng		98
25) Isophorone	7.528	82	1270849	41.278	ng		98
26) 2-Nitrophenol	7.598	139	307859	41.057	ng		95
27) 2,4-Dimethylphenol	7.639	122	596651	46.186	ng		98
28) bis(2-Chloroethoxy)met...	7.739	93	775927	41.956	ng		98
29) 2,4-Dichlorophenol	7.839	162	565496	40.924	ng		98
30) 1,2,4-Trichlorobenzene	7.922	180	538343	36.949	ng		99
31) Naphthalene	8.004	128	1841160	37.343	ng		99
32) Benzoic acid	7.775	122	418830	40.843	ng		100
33) 4-Chloroaniline	8.051	127	629629	31.609	ng		99
34) Hexachlorobutadiene	8.122	225	303007	36.312	ng		98
35) Caprolactam	8.434	113	192436m	44.940	ng		
36) 4-Chloro-3-methylphenol	8.539	107	616467	44.088	ng		94
37) 2-Methylnaphthalene	8.692	142	1243668	39.159	ng		98
38) 1-Methylnaphthalene	8.792	142	1193473	38.661	ng		99
40) 1,2,4,5-Tetrachloroben...	8.857	216	523997	37.716	ng		98
41) Hexachlorocyclopentadiene	8.845	237	608560	83.815	ng		98
43) 2,4,6-Trichlorophenol	8.969	196	409510	41.294	ng		96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.010	196	433377	40.318	ng		96
46)	1,1'-Biphenyl	9.157	154	1512482	39.074	ng		99
47)	2-Chloronaphthalene	9.181	162	1191560	38.420	ng		100
48)	2-Nitroaniline	9.281	65	362913	47.485	ng		89
49)	Acenaphthylene	9.592	152	1864849	39.597	ng		100
50)	Dimethylphthalate	9.469	163	1472471	40.575	ng		100
51)	2,6-Dinitrotoluene	9.522	165	324275	45.831	ng		99
52)	Acenaphthene	9.769	154	1284834m	43.288	ng		
53)	3-Nitroaniline	9.692	138	293430	36.132	ng		98
54)	2,4-Dinitrophenol	9.798	184	300279	92.117	ng		90
55)	Dibenzofuran	9.939	168	1685598	39.660	ng		99
56)	4-Nitrophenol	9.857	139	604494	96.548	ng		93
57)	2,4-Dinitrotoluene	9.928	165	419308	51.474	ng	#	86
58)	Fluorene	10.280	166	1253709	38.768	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.051	232	343856	41.188	ng	#	78
60)	Diethylphthalate	10.163	149	1428284	40.683	ng		99
61)	4-Chlorophenyl-phenyle...	10.275	204	572821	40.070	ng		100
62)	4-Nitroaniline	10.310	138	372454	47.157	ng		96
63)	Azobenzene	10.433	77	1365172	39.494	ng		96
65)	4,6-Dinitro-2-methylph...	10.328	198	188349	44.293	ng		95
66)	n-Nitrosodiphenylamine	10.398	169	1211792	39.646	ng		99
67)	4-Bromophenyl-phenylether	10.763	248	406205	39.941	ng		96
68)	Hexachlorobenzene	10.822	284	455605	41.113	ng		92
69)	Atrazine	10.927	200	398719	46.110	ng		98
70)	Pentachlorophenol	11.016	266	530439	85.599	ng		96
71)	Phenanthrene	11.239	178	1922556	38.772	ng		98
72)	Anthracene	11.292	178	1962358	40.258	ng		99
73)	Carbazole	11.445	167	1879742	41.818	ng		99
74)	Di-n-butylphthalate	11.780	149	2147129	39.613	ng		100
75)	Fluoranthene	12.422	202	1988912	40.449	ng		98
77)	Benzidine	12.545	184	858222	60.794	ng		99
78)	Pyrene	12.651	202	1983406	42.291	ng		99
80)	Butylbenzylphthalate	13.274	149	767849	41.163	ng		100
81)	Benzo(a)anthracene	13.827	228	1439254	40.166	ng		99
82)	3,3'-Dichlorobenzidine	13.798	252	420365	37.619	ng		99
83)	Chrysene	13.868	228	1356451	38.396	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.833	149	765959	33.034	ng		100
85)	Di-n-octyl phthalate	14.445	149	1201790	32.812	ng		98
87)	Indeno(1,2,3-cd)pyrene	16.586	276	1402744	47.809	ng		97
88)	Benzo(b)fluoranthene	14.845	252	1281489	43.204	ng		99
89)	Benzo(k)fluoranthene	14.874	252	1198356	41.773	ng		98
90)	Benzo(a)pyrene	15.180	252	1086053	46.079	ng		97
91)	Dibenzo(a,h)anthracene	16.604	278	1198170	49.907	ng		96
92)	Benzo(g,h,i)perylene	16.992	276	1248160	51.963	ng	#	94

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

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