Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041322\
Data File : BF127780.D
Acq On : 13 Apr 2022 13:09
Operator : CG\JU
Sample : PB144086BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 13 16:50:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 16:40:15 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB144086BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.957	152	170869	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	649430	20.000	ng	#	0.00
39) Acenaphthene-d10	10.004	164	363840	20.000	ng		0.00
64) Phenanthrene-d10	11.498	188	646668	20.000	ng		0.00
76) Chrysene-d12	14.145	240	418249	20.000	ng		0.00
86) Perylene-d12	15.663	264	343176	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.598	112	1171776	111.432	ng		0.02
7) Phenol-d6	6.587	99	1512656	109.958	ng		0.00
23) Nitrobenzene-d5	7.528	82	1108116	76.069	ng		0.00
42) 2,4,6-Tribromophenol	10.798	330	447476	115.573	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1860748	72.349	ng		0.00
79) Terphenyl-d14	13.086	244	2002487	79.027	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.934	88	148697	29.812	ng		83
3) Pyridine	3.675	79	394199	30.007	ng	#	81
4) n-Nitrosodimethylamine	3.646	42	243416	34.454	ng		93
6) Aniline	6.622	93	536928	32.725	ng		94
8) 2-Chlorophenol	6.745	128	462473	43.355	ng		93
9) Benzaldehyde	6.510	77	242393	33.852	ng		95
10) Phenol	6.598	94	563967	40.999	ng		100
11) bis(2-Chloroethyl)ether	6.693	93	465601	40.987	ng		92
12) 1,3-Dichlorobenzene	6.898	146	478997	39.299	ng		98
13) 1,4-Dichlorobenzene	6.975	146	480816	39.024	ng		98
14) 1,2-Dichlorobenzene	7.128	146	467156	39.666	ng		99
15) Benzyl Alcohol	7.098	79	454870	37.822	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.228	45	675027	37.645	ng		95
17) 2-Methylphenol	7.204	107	384986	41.491	ng		98
18) Hexachloroethane	7.469	117	189332	40.270	ng		97
19) n-Nitroso-di-n-propyla...	7.375	70	352514	39.619	ng		92
20) 3+4-Methylphenols	7.357	107	456877	38.639	ng	#	72
22) Acetophenone	7.369	105	634372	36.351	ng	#	84
24) Nitrobenzene	7.545	77	550077	38.954	ng		98
25) Isophorone	7.781	82	1018999	40.088	ng		98
26) 2-Nitrophenol	7.857	139	239946	47.282	ng		94
27) 2,4-Dimethylphenol	7.887	122	429541	43.232	ng		95
28) bis(2-Chloroethoxy)met...	7.987	93	589111	37.587	ng		99
29) 2,4-Dichlorophenol	8.098	162	414193	38.698	ng		96
30) 1,2,4-Trichlorobenzene	8.181	180	466323	37.856	ng		98
31) Naphthalene	8.269	128	1288700	37.869	ng		98
32) Benzoic acid	8.016	122	286815	39.788	ng		97
33) 4-Chloroaniline	8.310	127	267560	19.964	ng		96
34) Hexachlorobutadiene	8.375	225	307953	36.343	ng		98
35) Caprolactam	8.687	113	119355m	37.730	ng		
36) 4-Chloro-3-methylphenol	8.792	107	426729	38.028	ng		99
37) 2-Methylnaphthalene	8.957	142	870803	38.260	ng		99
38) 1-Methylnaphthalene	9.057	142	831109	37.832	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	459124	38.473	ng	#	98
41) Hexachlorocyclopentadiene	9.104	237	614643	85.503	ng		96
43) 2,4,6-Trichlorophenol	9.234	196	310370	38.308	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.275	196	315352	38.574	ng		96
46)	1,1'-Biphenyl	9.422	154	1074785	38.625	ng		98
47)	2-Chloronaphthalene	9.451	162	848429	38.368	ng		99
48)	2-Nitroaniline	9.545	65	289963	42.221	ng		90
49)	Acenaphthylene	9.869	152	1342212	39.906	ng		99
50)	Dimethylphthalate	9.722	163	995831	37.759	ng		99
51)	2,6-Dinitrotoluene	9.786	165	215603	43.370	ng		95
52)	Acenaphthene	10.039	154	908626m	42.879	ng		
53)	3-Nitroaniline	9.957	138	145920	27.785	ng		94
54)	2,4-Dinitrophenol	10.063	184	240732	96.529	ng		94
55)	Dibenzofuran	10.210	168	1152394	37.267	ng		97
56)	4-Nitrophenol	10.116	139	329746	79.938	ng		89
57)	2,4-Dinitrotoluene	10.192	165	285877	46.384	ng	#	87
58)	Fluorene	10.557	166	875829	38.333	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.328	232	274804	38.576	ng		99
60)	Diethylphthalate	10.422	149	931180	36.897	ng		99
61)	4-Chlorophenyl-phenyle...	10.545	204	467303	37.224	ng		99
62)	4-Nitroaniline	10.581	138	206441	41.738	ng		94
63)	Azobenzene	10.704	77	999360	35.438	ng		95
65)	4,6-Dinitro-2-methylph...	10.598	198	151879	48.626	ng		91
66)	n-Nitrosodiphenylamine	10.663	169	776886	38.145	ng		99
67)	4-Bromophenyl-phenylether	11.033	248	304304	38.774	ng	#	91
68)	Hexachlorobenzene	11.098	284	339588	39.583	ng		94
69)	Atrazine	11.192	200	295325	43.644	ng		96
70)	Pentachlorophenol	11.298	266	376415	73.461	ng		98
71)	Phenanthrene	11.522	178	1295635	37.815	ng		100
72)	Anthracene	11.575	178	1314450	38.784	ng		99
73)	Carbazole	11.727	167	1150384	36.224	ng		98
74)	Di-n-butylphthalate	12.051	149	1396844	36.794	ng		99
75)	Fluoranthene	12.716	202	1420204	37.985	ng		99
77)	Benzidine	12.833	184	391984	35.907	ng		99
78)	Pyrene	12.945	202	1417455	40.134	ng		100
80)	Butylbenzylphthalate	13.557	149	513091	39.018	ng		89
81)	Benzo(a)anthracene	14.133	228	1104510	39.539	ng		99
82)	3,3'-Dichlorobenzidine	14.092	252	262643	30.159	ng		97
83)	Chrysene	14.169	228	1004818	37.473	ng		98
84)	Bis(2-ethylhexyl)phtha...	14.110	149	649584	35.045	ng		98
85)	Di-n-octyl phthalate	14.727	149	932408	34.403	ng	#	93
87)	Indeno(1,2,3-cd)pyrene	17.221	276	904130	42.168	ng		99
88)	Benzo(b)fluoranthene	15.210	252	955508	43.282	ng		99
89)	Benzo(k)fluoranthene	15.245	252	845939	38.635	ng		99
90)	Benzo(a)pyrene	15.598	252	857663	47.798	ng		99
91)	Dibenzo(a,h)anthracene	17.245	278	780419	44.923	ng		97
92)	Benzo(g,h,i)perylene	17.704	276	796501	44.722	ng		99

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

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