Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042523\
Data File : BF133028.D
Acq On : 25 Apr 2023 13:07
Operator : CG\JU
Sample : PB152297BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 25 13:44:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 22 03:30:56 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB152297BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.745	152	238710	20.000	ng		0.00
21) Naphthalene-d8	8.034	136	943399	20.000	ng		0.00
39) Acenaphthene-d10	9.786	164	512804	20.000	ng		0.00
64) Phenanthrene-d10	11.263	188	908149	20.000	ng		0.00
76) Chrysene-d12	13.904	240	563474	20.000	ng		0.00
86) Perylene-d12	15.321	264	452165	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1976353	125.068	ng		0.02
7) Phenol-d6	6.398	99	2365682	120.613	ng		0.01
23) Nitrobenzene-d5	7.316	82	1457109	83.369	ng		0.00
42) 2,4,6-Tribromophenol	10.575	330	670724	130.055	ng		0.00
45) 2-Fluorobiphenyl	9.110	172	2483369	81.019	ng		0.00
79) Terphenyl-d14	12.857	244	2893179	88.554	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.499	88	254375	34.705	ng		98
3) Pyridine	3.199	79	685132	35.194	ng		96
4) n-Nitrosodimethylamine	3.163	42	406451	40.309	ng		96
6) Aniline	6.410	93	879386	34.811	ng	#	27
8) 2-Chlorophenol	6.534	128	740719	46.167	ng		95
9) Benzaldehyde	6.293	77	412082	49.291	ng		98
10) Phenol	6.410	94	867072	40.072	ng	#	71
11) bis(2-Chloroethyl)ether	6.487	93	714948	44.032	ng		96
12) 1,3-Dichlorobenzene	6.687	146	765169	44.857	ng		100
13) 1,4-Dichlorobenzene	6.763	146	776714	45.433	ng		100
14) 1,2-Dichlorobenzene	6.916	146	744145	47.213	ng		97
15) Benzyl Alcohol	6.898	79	586726	43.305	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.028	45	1157411	41.040	ng		95
17) 2-Methylphenol	7.010	107	612702	41.704	ng		99
18) Hexachloroethane	7.257	117	259766	43.704	ng		93
19) n-Nitroso-di-n-propyla...	7.175	70	482664	39.528	ng		95
20) 3+4-Methylphenols	7.169	107	689479	39.850	ng	#	75
22) Acetophenone	7.157	105	958193	43.846	ng	#	97
24) Nitrobenzene	7.334	77	725784	40.980	ng		98
25) Isophorone	7.575	82	1385731	41.758	ng		100
26) 2-Nitrophenol	7.651	139	403363	47.219	ng		91
27) 2,4-Dimethylphenol	7.692	122	648548	44.276	ng		99
28) bis(2-Chloroethoxy)met...	7.787	93	815771	41.554	ng		99
29) 2,4-Dichlorophenol	7.892	162	598450	44.879	ng		99
30) 1,2,4-Trichlorobenzene	7.975	180	616705	44.642	ng		100
31) Naphthalene	8.057	128	1978515	41.947	ng		99
32) Benzoic acid	7.834	122	492326	54.413	ng		99
33) 4-Chloroaniline	8.104	127	420443	22.062	ng		98
34) Hexachlorobutadiene	8.175	225	338975	44.272	ng		98
35) Caprolactam	8.481	113	218396m	48.754	ng		
36) 4-Chloro-3-methylphenol	8.592	107	669700	46.573	ng		99
37) 2-Methylnaphthalene	8.745	142	1339142	41.528	ng		99
38) 1-Methylnaphthalene	8.845	142	1249280	41.413	ng		100
40) 1,2,4,5-Tetrachloroben...	8.916	216	557673	40.447	ng		99
41) Hexachlorocyclopentadiene	8.904	237	765975	95.257	ng		99
43) 2,4,6-Trichlorophenol	9.022	196	411452	43.151	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.063	196	444897	40.343	ng		98
46)	1,1'-Biphenyl	9.210	154	1643100	40.408	ng		99
47)	2-Chloronaphthalene	9.234	162	1252599	42.086	ng		100
48)	2-Nitroaniline	9.328	65	407466	41.424	ng		97
49)	Acenaphthylene	9.645	152	1943861	40.875	ng		99
50)	Dimethylphthalate	9.516	163	1493429	41.766	ng		99
51)	2,6-Dinitrotoluene	9.569	165	353201	43.887	ng		98
52)	Acenaphthene	9.822	154	1431669m	44.949	ng		
53)	3-Nitroaniline	9.739	138	295104	30.839	ng		99
54)	2,4-Dinitrophenol	9.845	184	426663	105.472	ng		96
55)	Dibenzofuran	9.992	168	1731594	39.855	ng		98
56)	4-Nitrophenol	9.910	139	672256	90.705	ng		93
57)	2,4-Dinitrotoluene	9.975	165	469754	45.770	ng		92
58)	Fluorene	10.334	166	1272108	39.964	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.110	232	376972	44.093	ng		98
60)	Diethylphthalate	10.216	149	1400738	41.473	ng		98
61)	4-Chlorophenyl-phenyle...	10.328	204	620299	39.988	ng		98
62)	4-Nitroaniline	10.357	138	408545	46.452	ng		99
63)	Azobenzene	10.486	77	1430587	39.984	ng		98
65)	4,6-Dinitro-2-methylph...	10.381	198	273599	49.705	ng		79
66)	n-Nitrosodiphenylamine	10.445	169	1205835	40.934	ng		100
67)	4-Bromophenyl-phenylether	10.816	248	416774	42.315	ng		97
68)	Hexachlorobenzene	10.881	284	451967	44.782	ng		100
69)	Atrazine	10.975	200	411954	48.533	ng		99
70)	Pentachlorophenol	11.075	266	562551	78.264	ng		97
71)	Phenanthrene	11.292	178	1971608	40.393	ng		100
72)	Anthracene	11.345	178	1987693	39.792	ng		99
73)	Carbazole	11.498	167	1852702	41.654	ng		99
74)	Di-n-butylphthalate	11.833	149	2218391	44.073	ng		100
75)	Fluoranthene	12.475	202	2045008	41.746	ng		100
77)	Benzidine	12.598	184	970818	101.884	ng	#	93
78)	Pyrene	12.704	202	2079410	43.050	ng		98
80)	Butylbenzylphthalate	13.327	149	887311	51.881	ng		93
81)	Benzo(a)anthracene	13.892	228	1634929	42.194	ng		99
82)	3,3'-Dichlorobenzidine	13.857	252	428702	40.050	ng		99
83)	Chrysene	13.933	228	1618846	41.789	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.892	149	964154	44.913	ng		100
85)	Di-n-octyl phthalate	14.504	149	1553680	44.387	ng		98
87)	Indeno(1,2,3-cd)pyrene	16.710	276	1378555	53.598	ng		100
88)	Benzo(b)fluoranthene	14.916	252	1447687m	50.326	ng		
89)	Benzo(k)fluoranthene	14.945	252	1207217	42.335	ng		98
90)	Benzo(a)pyrene	15.263	252	1112233	42.479	ng		99
91)	Dibenzo(a,h)anthracene	16.727	278	1151718	53.689	ng		99
92)	Benzo(g,h,i)perylene	17.127	276	1164586	54.989	ng		99

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

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