Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
Data File : BF132642.D
Acq On : 06 Mar 2023 10:55
Operator : CG\JU
Sample : PB151188BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 07 00:50:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 24 23:17:30 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB151188BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.004	152	236628	20.000	ng		0.00
21) Naphthalene-d8	8.292	136	864290	20.000	ng		0.00
39) Acenaphthene-d10	10.051	164	461909	20.000	ng		0.00
64) Phenanthrene-d10	11.551	188	875423	20.000	ng		0.00
76) Chrysene-d12	14.210	240	504972	20.000	ng	#	0.00
86) Perylene-d12	15.762	264	448206	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.640	112	1701726	116.717	ng		0.00
7) Phenol-d6	6.639	99	2209522	116.119	ng		0.00
23) Nitrobenzene-d5	7.575	82	1426820	78.324	ng		0.00
42) 2,4,6-Tribromophenol	10.851	330	610688	122.421	ng		0.00
45) 2-Fluorobiphenyl	9.369	172	2198411	72.470	ng		0.00
79) Terphenyl-d14	13.139	244	2635872	88.254	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.957	88	255127	31.634	ng		95
3) Pyridine	3.710	79	657627	30.719	ng		93
4) n-Nitrosodimethylamine	3.675	42	322560	39.890	ng		90
6) Aniline	6.663	93	901338	35.199	ng		96
8) 2-Chlorophenol	6.792	128	703058	46.461	ng		93
9) Benzaldehyde	6.551	77	136335	13.278	ng		97
10) Phenol	6.651	94	875594	40.137	ng		100
11) bis(2-Chloroethyl)ether	6.734	93	739463	43.909	ng		95
12) 1,3-Dichlorobenzene	6.945	146	696489	42.891	ng		98
13) 1,4-Dichlorobenzene	7.022	146	692138	42.686	ng		99
14) 1,2-Dichlorobenzene	7.175	146	680493	43.730	ng		98
15) Benzyl Alcohol	7.145	79	626791	42.771	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.275	45	879567	40.956	ng		99
17) 2-Methylphenol	7.257	107	574967	40.713	ng		98
18) Hexachloroethane	7.516	117	270158	42.647	ng		96
19) n-Nitroso-di-n-propyla...	7.422	70	442244	37.764	ng		90
20) 3+4-Methylphenols	7.410	107	635929	34.854	ng		91
22) Acetophenone	7.416	105	866345	39.752	ng	#	87
24) Nitrobenzene	7.592	77	765488	39.291	ng		99
25) Isophorone	7.828	82	1411230	40.406	ng		99
26) 2-Nitrophenol	7.904	139	372574	43.342	ng		99
27) 2,4-Dimethylphenol	7.939	122	564098	41.578	ng		99
28) bis(2-Chloroethoxy)met...	8.034	93	824636	40.362	ng		99
29) 2,4-Dichlorophenol	8.145	162	560746	41.549	ng		98
30) 1,2,4-Trichlorobenzene	8.228	180	629557	42.960	ng		99
31) Naphthalene	8.316	128	1736959	39.257	ng		100
32) Benzoic acid	8.075	122	451411	42.684	ng		97
33) 4-Chloroaniline	8.357	127	517327	27.285	ng		95
34) Hexachlorobutadiene	8.422	225	392740	42.174	ng		99
35) Caprolactam	8.745	113	199518m	44.843	ng		
36) 4-Chloro-3-methylphenol	8.839	107	621995	41.966	ng		97
37) 2-Methylnaphthalene	9.004	142	1156256	38.346	ng		100
38) 1-Methylnaphthalene	9.104	142	1091699	38.741	ng		100
40) 1,2,4,5-Tetrachloroben...	9.169	216	626853	41.479	ng		100
41) Hexachlorocyclopentadiene	9.157	237	643742	78.535	ng		100
43) 2,4,6-Trichlorophenol	9.280	196	430910	42.074	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.333	196	459668	38.455	ng	98
46)	1,1'-Biphenyl	9.469	154	1408398	40.285	ng	99
47)	2-Chloronaphthalene	9.498	162	1140722	41.153	ng	99
48)	2-Nitroaniline	9.592	65	403663	39.540	ng	96
49)	Acenaphthylene	9.916	152	1747658	39.616	ng	100
50)	Dimethylphthalate	9.769	163	1370238	40.741	ng	100
51)	2,6-Dinitrotoluene	9.833	165	320804	41.883	ng	99
52)	Acenaphthene	10.086	154	1266346m	45.206	ng	
53)	3-Nitroaniline	10.004	138	272358	31.787	ng	97
54)	2,4-Dinitrophenol	10.122	184	410477	84.926	ng	90
55)	Dibenzofuran	10.263	168	1573373	38.527	ng	99
56)	4-Nitrophenol	10.175	139	509187	79.687	ng	96
57)	2,4-Dinitrotoluene	10.245	165	426664	41.871	ng	94
58)	Fluorene	10.604	166	1229005	39.345	ng	98
59)	2,3,4,6-Tetrachlorophenol	10.380	232	390869	44.019	ng	97
60)	Diethylphthalate	10.469	149	1307286	39.799	ng	100
61)	4-Chlorophenyl-phenyle...	10.592	204	636849	39.300	ng	97
62)	4-Nitroaniline	10.633	138	353617	42.044	ng	93
63)	Azobenzene	10.751	77	1337750	38.455	ng	98
65)	4,6-Dinitro-2-methylph...	10.657	198	260735	43.997	ng	97
66)	n-Nitrosodiphenylamine	10.716	169	1111723	40.734	ng	99
67)	4-Bromophenyl-phenylether	11.086	248	411998	41.606	ng	97
68)	Hexachlorobenzene	11.157	284	467820	44.898	ng	98
69)	Atrazine	11.239	200	379661	44.560	ng	99
70)	Pentachlorophenol	11.351	266	489469	78.955	ng	99
71)	Phenanthrene	11.574	178	1815155	40.024	ng	99
72)	Anthracene	11.627	178	1870911	40.061	ng	99
73)	Carbazole	11.780	167	1731394	41.120	ng	100
74)	Di-n-butylphthalate	12.098	149	1943859	39.357	ng	99
75)	Fluoranthene	12.774	202	1969606	39.727	ng	99
77)	Benzidine	12.886	184	493533	40.149	ng	99
78)	Pyrene	13.004	202	2005332	43.679	ng	100
80)	Butylbenzylphthalate	13.610	149	749850	41.388	ng	100
81)	Benzo(a)anthracene	14.198	228	1560297	41.296	ng	97
82)	3,3'-Dichlorobenzidine	14.157	252	383434	34.422	ng	98
83)	Chrysene	14.239	228	1436867	40.668	ng	100
84)	Bis(2-ethylhexyl)phtha...	14.168	149	876981	39.404	ng	98
85)	Di-n-octyl phthalate	14.792	149	1305252	40.133	ng	98
87)	Indeno(1,2,3-cd)pyrene	17.374	276	1482352	50.474	ng	100
88)	Benzo(b)fluoranthene	15.298	252	1414974	47.108	ng	99
89)	Benzo(k)fluoranthene	15.333	252	1258087	42.797	ng	98
90)	Benzo(a)pyrene	15.698	252	1183301	42.093	ng	99
91)	Dibenzo(a,h)anthracene	17.392	278	1200816	50.184	ng	98
92)	Benzo(g,h,i)perylene	17.868	276	1301404	48.121	ng	99

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

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