Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121422\
Data File : BF131634.D
Acq On : 14 Dec 2022 16:53
Operator : CG\JU
Sample : PB149640BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 15 01:55:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 14 03:22:29 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB149640BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	70166	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	253238	20.000	ng	#	0.00
39) Acenaphthene-d10	9.939	164	146314	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	274985	20.000	ng		0.00
76) Chrysene-d12	14.086	240	147954	20.000	ng	#	0.00
86) Perylene-d12	15.586	264	127375	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	598849	142.384	ng		0.02
7) Phenol-d6	6.522	99	761343	138.137	ng		0.00
23) Nitrobenzene-d5	7.457	82	525674	78.480	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	218371	134.333	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	903447	77.855	ng		0.00
79) Terphenyl-d14	13.027	244	984811	91.283	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	77008	40.564	ng		97
3) Pyridine	3.475	79	210845	40.003	ng		96
4) n-Nitrosodimethylamine	3.446	42	114444	39.371	ng	#	89
6) Aniline	6.545	93	226198	34.317	ng		95
8) 2-Chlorophenol	6.669	128	203585	45.676	ng		96
9) Benzaldehyde	6.434	77	107026	28.346	ng		96
10) Phenol	6.534	94	280864m	45.686	ng		
11) bis(2-Chloroethyl)ether	6.622	93	211876	45.977	ng		96
12) 1,3-Dichlorobenzene	6.822	146	222542	43.065	ng		98
13) 1,4-Dichlorobenzene	6.898	146	226639	43.481	ng		99
14) 1,2-Dichlorobenzene	7.051	146	217407	43.663	ng		98
15) Benzyl Alcohol	7.034	79	220931	43.724	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.157	45	258366	43.402	ng		98
17) 2-Methylphenol	7.145	107	180910	45.037	ng		99
18) Hexachloroethane	7.398	117	90905	43.234	ng		95
19) n-Nitroso-di-n-propyla...	7.304	70	168854	40.858	ng		94
20) 3+4-Methylphenols	7.298	107	231628	42.335	ng	#	78
22) Acetophenone	7.298	105	326910	41.194	ng		96
24) Nitrobenzene	7.475	77	269931	39.956	ng		93
25) Isophorone	7.710	82	468454	43.419	ng		99
26) 2-Nitrophenol	7.787	139	109350	47.465	ng		96
27) 2,4-Dimethylphenol	7.828	122	178439	50.532	ng		95
28) bis(2-Chloroethoxy)met...	7.922	93	258084	46.241	ng		99
29) 2,4-Dichlorophenol	8.034	162	184714	42.306	ng		97
30) 1,2,4-Trichlorobenzene	8.110	180	210060	39.231	ng		99
31) Naphthalene	8.198	128	575730	40.365	ng		99
32) Benzoic acid	7.957	122	117359	45.891	ng		98
33) 4-Chloroaniline	8.245	127	74507	13.936	ng		97
34) Hexachlorobutadiene	8.310	225	142891	37.865	ng		99
35) Caprolactam	8.628	113	53890m	47.714	ng		
36) 4-Chloro-3-methylphenol	8.734	107	210278	42.889	ng		97
37) 2-Methylnaphthalene	8.887	142	386974	39.672	ng		99
38) 1-Methylnaphthalene	8.987	142	364378	38.913	ng		99
40) 1,2,4,5-Tetrachloroben...	9.057	216	224164	41.387	ng		98
41) Hexachlorocyclopentadiene	9.039	237	264821	96.329	ng		96
43) 2,4,6-Trichlorophenol	9.169	196	139797	41.729	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.216	196	147535	40.950	ng		99
46)	1,1'-Biphenyl	9.357	154	483516	41.796	ng		98
47)	2-Chloronaphthalene	9.381	162	393674	41.768	ng		98
48)	2-Nitroaniline	9.486	65	140487	42.077	ng	#	84
49)	Acenaphthylene	9.804	152	589431	42.592	ng		100
50)	Dimethylphthalate	9.663	163	457927	41.056	ng		99
51)	2,6-Dinitrotoluene	9.728	165	101204	43.951	ng	#	77
52)	Acenaphthene	9.975	154	425137m	45.857	ng		
53)	3-Nitroaniline	9.898	138	51617	23.364	ng		94
54)	2,4-Dinitrophenol	10.004	184	109625	83.004	ng		95
55)	Dibenzofuran	10.145	168	535668	40.893	ng		100
56)	4-Nitrophenol	10.069	139	142619	92.925	ng	#	81
57)	2,4-Dinitrotoluene	10.134	165	135558	44.379	ng		97
58)	Fluorene	10.492	166	426277	40.029	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.263	232	120044m	39.347	ng		
60)	Diethylphthalate	10.363	149	432441	40.402	ng		99
61)	4-Chlorophenyl-phenyle...	10.481	204	231521	39.341	ng		98
62)	4-Nitroaniline	10.522	138	93242	42.590	ng		89
63)	Azobenzene	10.645	77	474659	38.881	ng		96
65)	4,6-Dinitro-2-methylph...	10.539	198	73524	42.214	ng		99
66)	n-Nitrosodiphenylamine	10.604	169	362594	40.787	ng		99
67)	4-Bromophenyl-phenylether	10.975	248	137940	38.994	ng		98
68)	Hexachlorobenzene	11.039	284	154323	40.332	ng		99
69)	Atrazine	11.133	200	136978	48.521	ng		98
70)	Pentachlorophenol	11.239	266	157275	79.841	ng		98
71)	Phenanthrene	11.457	178	629163	41.048	ng		99
72)	Anthracene	11.510	178	638044	42.787	ng		100
73)	Carbazole	11.669	167	537754	44.180	ng		99
74)	Di-n-butylphthalate	11.992	149	616826	41.307	ng		100
75)	Fluoranthene	12.651	202	670259	42.467	ng		99
77)	Benzidine	12.775	184	175186	44.191	ng		99
78)	Pyrene	12.880	202	665582	45.622	ng		99
80)	Butylbenzylphthalate	13.504	149	199931	47.355	ng		91
81)	Benzo(a)anthracene	14.074	228	462489	43.285	ng		99
82)	3,3'-Dichlorobenzidine	14.039	252	72290	23.780	ng		93
83)	Chrysene	14.116	228	429497	42.282	ng		98
84)	Bis(2-ethylhexyl)phtha...	14.057	149	211338	37.454	ng		98
85)	Di-n-octyl phthalate	14.680	149	274090	31.139	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.115	276	421735	40.570	ng		98
88)	Benzo(b)fluoranthene	15.145	252	380498	45.324	ng		100
89)	Benzo(k)fluoranthene	15.174	252	343306	39.179	ng		99
90)	Benzo(a)pyrene	15.527	252	323589	45.166	ng		99
91)	Dibenzo(a,h)anthracene	17.139	278	350296	40.944	ng		99
92)	Benzo(g,h,i)perylene	17.580	276	353132	41.069	ng		98

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

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