Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091522\
Data File : BF130267.D
Acq On : 15 Sep 2022 12:40
Operator : CG\JU
Sample : PB147629BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 16 03:24:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 14:55:51 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB147629BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.675	152	99198	20.000	ng		0.00
21) Naphthalene-d8	7.963	136	384431	20.000	ng	#	0.00
39) Acenaphthene-d10	9.710	164	204036	20.000	ng		0.00
64) Phenanthrene-d10	11.186	188	348538	20.000	ng		0.00
76) Chrysene-d12	13.821	240	214543	20.000	ng	#	0.00
86) Perylene-d12	15.210	264	162954	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	895854	156.639	ng		0.02
7) Phenol-d6	6.322	99	1112670	155.486	ng		0.00
23) Nitrobenzene-d5	7.245	82	729572	96.956	ng		0.00
42) 2,4,6-Tribromophenol	10.504	330	364425	186.401	ng		0.00
45) 2-Fluorobiphenyl	9.039	172	1362732	97.257	ng		0.00
79) Terphenyl-d14	12.774	244	1462419	112.914	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.410	88	104695	39.859	ng		97
3) Pyridine	3.093	79	276610	40.370	ng		97
4) n-Nitrosodimethylamine	3.052	42	178419	47.877	ng		100
6) Aniline	6.340	93	433405	49.154	ng		98
8) 2-Chlorophenol	6.457	128	347278	53.305	ng		99
9) Benzaldehyde	6.228	77	224657	46.867	ng		95
10) Phenol	6.334	94	429391	51.202	ng		82
11) bis(2-Chloroethyl)ether	6.422	93	309595	51.182	ng		97
12) 1,3-Dichlorobenzene	6.616	146	368497	51.404	ng		99
13) 1,4-Dichlorobenzene	6.692	146	374459	51.224	ng		99
14) 1,2-Dichlorobenzene	6.845	146	352079	51.557	ng		99
15) Benzyl Alcohol	6.828	79	287197	50.618	ng		98
16) 2,2'-oxybis(1-Chloropr...	6.957	45	434895	49.295	ng		98
17) 2-Methylphenol	6.940	107	275721	52.062	ng		99
18) Hexachloroethane	7.187	117	146786	50.940	ng		98
19) n-Nitroso-di-n-propyla...	7.104	70	245124	50.763	ng		96
20) 3+4-Methylphenols	7.092	107	346553	50.372	ng	#	86
22) Acetophenone	7.092	105	499407	53.135	ng		98
24) Nitrobenzene	7.263	77	378719	49.566	ng		99
25) Isophorone	7.510	82	666723	54.973	ng		98
26) 2-Nitrophenol	7.581	139	180071	57.491	ng		94
27) 2,4-Dimethylphenol	7.622	122	302676	62.761	ng		98
28) bis(2-Chloroethoxy)met...	7.722	93	395782	57.954	ng		99
29) 2,4-Dichlorophenol	7.822	162	284014	53.741	ng		96
30) 1,2,4-Trichlorobenzene	7.904	180	289719	50.705	ng		95
31) Naphthalene	7.981	128	994872	50.232	ng		100
32) Benzoic acid	7.763	122	207986	55.768	ng		98
33) 4-Chloroaniline	8.034	127	320769	42.584	ng		99
34) Hexachlorobutadiene	8.098	225	187864	51.447	ng		98
35) Caprolactam	8.416	113	89127m	58.827	ng		
36) 4-Chloro-3-methylphenol	8.522	107	319705	54.577	ng		97
37) 2-Methylnaphthalene	8.675	142	655667	51.923	ng		99
38) 1-Methylnaphthalene	8.769	142	616808	50.846	ng		99
40) 1,2,4,5-Tetrachloroben...	8.839	216	298021	53.521	ng		98
41) Hexachlorocyclopentadiene	8.828	237	431360	144.694	ng		100
43) 2,4,6-Trichlorophenol	8.951	196	202852	52.199	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	8.992	196	219135	52.255	ng		98
46) 1,1'-Biphenyl	9.139	154	805332	52.849	ng		99
47) 2-Chloronaphthalene	9.163	162	625065	50.708	ng		97
48) 2-Nitroaniline	9.263	65	208089	50.613	ng		95
49) Acenaphthylene	9.575	152	942264	50.982	ng		100
50) Dimethylphthalate	9.445	163	735343	52.174	ng		100
51) 2,6-Dinitrotoluene	9.504	165	162976	55.292	ng		96
52) Acenaphthene	9.745	154	701251m	57.748	ng		
53) 3-Nitroaniline	9.675	138	137767	41.945	ng		91
54) 2,4-Dinitrophenol	9.781	184	183092	111.810	ng	#	88
55) Dibenzofuran	9.916	168	861470	51.003	ng		98
56) 4-Nitrophenol	9.839	139	258711	108.146	ng		95
57) 2,4-Dinitrotoluene	9.904	165	217491	57.735	ng		98
58) Fluorene	10.257	166	711498	51.508	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.033	232	169928	51.770	ng		99
60) Diethylphthalate	10.145	149	741952	52.496	ng		99
61) 4-Chlorophenyl-phenyle...	10.257	204	329761	54.419	ng		92
62) 4-Nitroaniline	10.292	138	169077	51.244	ng		97
63) Azobenzene	10.416	77	709082	48.723	ng		95
65) 4,6-Dinitro-2-methylph...	10.310	198	108514	55.929	ng		95
66) n-Nitrosodiphenylamine	10.375	169	592139	50.840	ng		99
67) 4-Bromophenyl-phenylether	10.739	248	207942	54.082	ng		96
68) Hexachlorobenzene	10.798	284	235660	54.069	ng	#	91
69) Atrazine	10.904	200	203566	59.807	ng		99
70) Pentachlorophenol	10.998	266	268353	114.722	ng		99
71) Phenanthrene	11.216	178	979700	50.065	ng		99
72) Anthracene	11.269	178	992634	52.565	ng		99
73) Carbazole	11.422	167	905346	53.123	ng		99
74) Di-n-butylphthalate	11.763	149	1102930	53.667	ng		99
75) Fluoranthene	12.398	202	982213	51.945	ng		98
77) Benzidine	12.527	184	568651	91.306	ng		99
78) Pyrene	12.627	202	978221	52.121	ng		99
80) Butylbenzylphthalate	13.251	149	389025	55.951	ng		98
81) Benzo(a)anthracene	13.810	228	738273	51.727	ng		98
82) 3,3'-Dichlorobenzidine	13.780	252	193584	49.827	ng	#	98
83) Chrysene	13.845	228	666270	49.165	ng		99
84) Bis(2-ethylhexyl)phtha...	13.810	149	450307	56.542	ng		100
85) Di-n-octyl phthalate	14.421	149	656734	53.914	ng		98
87) Indeno(1,2,3-cd)pyrene	16.539	276	648255	56.098	ng		98
88) Benzo(b)fluoranthene	14.821	252	600541	56.463	ng		98
89) Benzo(k)fluoranthene	14.845	252	554056	52.956	ng		100
90) Benzo(a)pyrene	15.151	252	500712	59.423	ng		98
91) Dibenzo(a,h)anthracene	16.562	278	570203	60.149	ng		98
92) Benzo(g,h,i)perylene	16.951	276	557404	58.370	ng		99

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

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