Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
Data File : BF130317.D
Acq On : 19 Sep 2022 12:51
Operator : CG\JU
Sample : PB147728BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 19 15:08:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 19 15:06:14 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB147728BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.657	152	111970	20.000	ng		0.00
21) Naphthalene-d8	7.945	136	443518	20.000	ng		0.00
39) Acenaphthene-d10	9.692	164	224206	20.000	ng		0.00
64) Phenanthrene-d10	11.175	188	370952	20.000	ng		0.00
76) Chrysene-d12	13.804	240	222930	20.000	ng	#	0.00
86) Perylene-d12	15.186	264	184244	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.269	112	551631	85.450	ng		0.01
7) Phenol-d6	6.298	99	677371	83.860	ng		0.00
23) Nitrobenzene-d5	7.234	82	646470	74.466	ng		0.00
42) 2,4,6-Tribromophenol	10.480	330	199779	92.993	ng		0.00
45) 2-Fluorobiphenyl	9.022	172	1226984	79.691	ng		0.00
79) Terphenyl-d14	12.757	244	1254787	93.237	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.375	88	83670	28.221	ng		97
3) Pyridine	3.052	79	235353	30.431	ng		96
4) n-Nitrosodimethylamine	3.010	42	151498	36.016	ng		99
6) Aniline	6.328	93	400949	40.286	ng		98
8) 2-Chlorophenol	6.445	128	314589	42.779	ng		94
9) Benzaldehyde	6.210	77	174456	32.243	ng		95
10) Phenol	6.310	94	388703	41.063	ng		97
11) bis(2-Chloroethyl)ether	6.404	93	282208	41.333	ng		94
12) 1,3-Dichlorobenzene	6.598	146	332929	41.145	ng		99
13) 1,4-Dichlorobenzene	6.681	146	342847	41.550	ng		98
14) 1,2-Dichlorobenzene	6.828	146	322390	41.824	ng		99
15) Benzyl Alcohol	6.810	79	262850	41.043	ng		96
16) 2,2'-oxybis(1-Chloropr...	6.940	45	383245	38.485	ng		98
17) 2-Methylphenol	6.922	107	244152	40.842	ng		99
18) Hexachloroethane	7.169	117	132433	40.716	ng		98
19) n-Nitroso-di-n-propyla...	7.087	70	216965	39.807	ng		97
20) 3+4-Methylphenols	7.075	107	313810	40.410	ng	#	86
22) Acetophenone	7.081	105	446810	41.206	ng	#	97
24) Nitrobenzene	7.251	77	331808	37.641	ng		94
25) Isophorone	7.492	82	593793	42.437	ng		98
26) 2-Nitrophenol	7.563	139	162766	45.043	ng		93
27) 2,4-Dimethylphenol	7.604	122	267906	48.150	ng		97
28) bis(2-Chloroethoxy)met...	7.704	93	349918	44.412	ng		99
29) 2,4-Dichlorophenol	7.804	162	256097	42.002	ng		98
30) 1,2,4-Trichlorobenzene	7.887	180	265962	40.346	ng		96
31) Naphthalene	7.969	128	881576	38.582	ng		99
32) Benzoic acid	7.739	122	173538	40.332	ng		99
33) 4-Chloroaniline	8.022	127	301840	34.733	ng		96
34) Hexachlorobutadiene	8.081	225	169199	40.162	ng		99
35) Caprolactam	8.398	113	78215m	44.747	ng		
36) 4-Chloro-3-methylphenol	8.504	107	283119	41.892	ng		97
37) 2-Methylnaphthalene	8.657	142	589145	40.439	ng		98
38) 1-Methylnaphthalene	8.757	142	558837	39.930	ng		98
40) 1,2,4,5-Tetrachloroben...	8.822	216	267229	43.674	ng		98
41) Hexachlorocyclopentadiene	8.810	237	367073	112.053	ng		99
43) 2,4,6-Trichlorophenol	8.934	196	181118	42.413	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	8.975	196	193127	41.910	ng		98
46) 1,1'-Biphenyl	9.122	154	720796	43.046	ng		99
47) 2-Chloronaphthalene	9.145	162	557263	41.140	ng		97
48) 2-Nitroaniline	9.245	65	175530	38.853	ng		91
49) Acenaphthylene	9.557	152	828073	40.773	ng		99
50) Dimethylphthalate	9.428	163	636412	41.093	ng		99
51) 2,6-Dinitrotoluene	9.486	165	140600	43.409	ng		96
52) Acenaphthene	9.728	154	604282m	45.286	ng		
53) 3-Nitroaniline	9.657	138	117862	32.657	ng		92
54) 2,4-Dinitrophenol	9.763	184	143701	81.647	ng		91
55) Dibenzofuran	9.898	168	755493	40.705	ng		99
56) 4-Nitrophenol	9.822	139	224872	85.545	ng		97
57) 2,4-Dinitrotoluene	9.892	165	188447	45.525	ng		89
58) Fluorene	10.239	166	610416	40.214	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.016	232	148040	41.044	ng		97
60) Diethylphthalate	10.128	149	633949	40.819	ng		99
61) 4-Chlorophenyl-phenyle...	10.239	204	287761	43.216	ng		93
62) 4-Nitroaniline	10.269	138	144079	39.739	ng		97
63) Azobenzene	10.398	77	607825	38.008	ng		95
65) 4,6-Dinitro-2-methylph...	10.292	198	87524	42.385	ng		96
66) n-Nitrosodiphenylamine	10.357	169	512001	41.304	ng		99
67) 4-Bromophenyl-phenylether	10.722	248	179006	43.743	ng		96
68) Hexachlorobenzene	10.780	284	201878	43.520	ng		91
69) Atrazine	10.886	200	171608	47.371	ng		98
70) Pentachlorophenol	10.980	266	223115	89.619	ng		98
71) Phenanthrene	11.198	178	840039	40.335	ng		99
72) Anthracene	11.251	178	855644	42.573	ng		99
73) Carbazole	11.404	167	769332	42.414	ng		99
74) Di-n-butylphthalate	11.745	149	944154	43.165	ng		99
75) Fluoranthene	12.380	202	841458	41.812	ng		98
77) Benzidine	12.510	184	528750	81.705	ng		99
78) Pyrene	12.610	202	832844	42.706	ng		99
80) Butylbenzylphthalate	13.233	149	338047	46.790	ng		99
81) Benzo(a)anthracene	13.792	228	621542	41.910	ng		100
82) 3,3'-Dichlorobenzidine	13.763	252	168908	41.840	ng	#	97
83) Chrysene	13.827	228	567032	40.268	ng		99
84) Bis(2-ethylhexyl)phtha...	13.792	149	414903	50.137	ng		99
85) Di-n-octyl phthalate	14.404	149	574781	45.411	ng		98
87) Indeno(1,2,3-cd)pyrene	16.509	276	565145	43.255	ng		99
88) Benzo(b)fluoranthene	14.798	252	518658	43.130	ng		99
89) Benzo(k)fluoranthene	14.827	252	516830	43.690	ng		100
90) Benzo(a)pyrene	15.133	252	446269	46.842	ng		98
91) Dibenzo(a,h)anthracene	16.527	278	490244	45.739	ng		99
92) Benzo(g,h,i)perylene	16.909	276	482432	44.682	ng		99

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

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