Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
Data File : BF129369.D
Acq On : 27 Jul 2022 10:47
Operator : CG\JU
Sample : PB146469BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 28 01:29:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 17:24:17 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB146469BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/28/2022
Supervised By :Jagrut Upadhyay 07/28/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	258928	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	1012051	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	528936	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	886971	20.000	ng	#	0.00
76) Chrysene-d12	14.063	240	591576	20.000	ng	#	0.00
86) Perylene-d12	15.551	264	486096	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1940976	122.113	ng		0.02
7) Phenol-d6	6.522	99	2483622	124.312	ng		0.00
23) Nitrobenzene-d5	7.451	82	1572218	84.803	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	679927	133.704	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	2643166	77.303	ng		0.00
79) Terphenyl-d14	13.004	244	2807442	89.531	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.746	88	248658	34.673	ng		89
3) Pyridine	3.522	79	680194	34.153	ng		88
4) n-Nitrosodimethylamine	3.469	42	375951	42.988	ng		90
6) Aniline	6.551	93	1052413	42.372	ng		99
8) 2-Chlorophenol	6.669	128	792247	45.622	ng		99
9) Benzaldehyde	6.440	77	398205	29.349	ng		99
10) Phenol	6.534	94	909683m	42.757	ng		
11) bis(2-Chloroethyl)ether	6.622	93	754440	44.713	ng		93
12) 1,3-Dichlorobenzene	6.828	146	801089	43.013	ng		96
13) 1,4-Dichlorobenzene	6.904	146	817811	43.176	ng		99
14) 1,2-Dichlorobenzene	7.057	146	782411	44.940	ng		100
15) Benzyl Alcohol	7.028	79	663043	45.759	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1111839	43.837	ng		92
17) 2-Methylphenol	7.139	107	619169	42.979	ng		100
18) Hexachloroethane	7.398	117	313020	43.889	ng		93
19) n-Nitroso-di-n-propyla...	7.298	70	521048	43.079	ng		93
20) 3+4-Methylphenols	7.292	107	744107	40.623	ng	#	90
22) Acetophenone	7.298	105	1024319	43.472	ng	#	99
24) Nitrobenzene	7.469	77	809297	42.391	ng		98
25) Isophorone	7.710	82	1490063	44.838	ng		98
26) 2-Nitrophenol	7.786	139	425474	45.175	ng		91
27) 2,4-Dimethylphenol	7.822	122	699190	49.491	ng		98
28) bis(2-Chloroethoxy)met...	7.916	93	919738	47.709	ng		99
29) 2,4-Dichlorophenol	8.028	162	639767	43.875	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	643655	42.646	ng		97
31) Naphthalene	8.192	128	2165153	42.109	ng		100
32) Benzoic acid	7.951	122	453878	44.440	ng		97
33) 4-Chloroaniline	8.239	127	760959	36.047	ng		98
34) Hexachlorobutadiene	8.304	225	376992	43.941	ng		99
35) Caprolactam	8.622	113	205205m	43.286	ng		
36) 4-Chloro-3-methylphenol	8.722	107	679634	43.945	ng		96
37) 2-Methylnaphthalene	8.881	142	1403484	42.002	ng		99
38) 1-Methylnaphthalene	8.981	142	1348320	41.800	ng		98
40) 1,2,4,5-Tetrachloroben...	9.051	216	601907	43.338	ng	#	97
41) Hexachlorocyclopentadiene	9.033	237	728437	117.784	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	436171	43.239	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	465855	42.466	ng		96
46) 1,1'-Biphenyl	9.351	154	1652472	42.808	ng		99
47) 2-Chloronaphthalene	9.375	162	1314266	42.116	ng		100
48) 2-Nitroaniline	9.475	65	441596	42.557	ng		86
49) Acenaphthylene	9.792	152	1999819	42.175	ng		100
50) Dimethylphthalate	9.651	163	1556225	42.620	ng		99
51) 2,6-Dinitrotoluene	9.716	165	355067	43.446	ng		99
52) Acenaphthene	9.963	154	1439648m	46.485	ng		
53) 3-Nitroaniline	9.886	138	328870	34.078	ng	#	89
54) 2,4-Dinitrophenol	9.992	184	380136	91.114	ng		96
55) Dibenzofuran	10.133	168	1788658	41.896	ng		95
56) 4-Nitrophenol	10.051	139	628500	88.277	ng		96
57) 2,4-Dinitrotoluene	10.122	165	472326	44.241	ng		97
58) Fluorene	10.480	166	1413623	41.383	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	367534	43.354	ng		94
60) Diethylphthalate	10.351	149	1520750	43.083	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	638700	42.412	ng		92
62) 4-Nitroaniline	10.510	138	398898	41.667	ng		92
63) Azobenzene	10.627	77	1500194	41.669	ng		95
65) 4,6-Dinitro-2-methylph...	10.533	198	240784	43.010	ng		86
66) n-Nitrosodiphenylamine	10.592	169	1257845	42.584	ng		97
67) 4-Bromophenyl-phenylether	10.957	248	425701	43.830	ng		92
68) Hexachlorobenzene	11.027	284	464635	44.151	ng		98
69) Atrazine	11.116	200	432403	48.195	ng		96
70) Pentachlorophenol	11.222	266	518588	90.645	ng		99
71) Phenanthrene	11.445	178	2033429	41.998	ng		100
72) Anthracene	11.498	178	2048503	43.054	ng		99
73) Carbazole	11.651	167	1955894	43.669	ng		99
74) Di-n-butylphthalate	11.974	149	2296623	43.057	ng		99
75) Fluoranthene	12.633	202	2082596	42.452	ng		97
77) Benzidine	12.757	184	1341301	64.180	ng		99
78) Pyrene	12.863	202	2115931	42.773	ng		100
80) Butylbenzylphthalate	13.474	149	953818	44.452	ng		98
81) Benzo(a)anthracene	14.051	228	1710792	42.335	ng		98
82) 3,3'-Dichlorobenzidine	14.015	252	472443	35.410	ng		97
83) Chrysene	14.092	228	1596357	41.915	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	1265666	44.804	ng		99
85) Di-n-octyl phthalate	14.645	149	1888941	46.467	ng		97
87) Indeno(1,2,3-cd)pyrene	17.062	276	1338171	40.880	ng		99
88) Benzo(b)fluoranthene	15.115	252	1498461	46.472	ng		99
89) Benzo(k)fluoranthene	15.145	252	1438592	45.528	ng		99
90) Benzo(a)pyrene	15.492	252	1252318	47.844	ng		98
91) Dibenzo(a,h)anthracene	17.080	278	1155372	43.366	ng		97
92) Benzo(g,h,i)perylene	17.527	276	1186794	43.593	ng		99

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

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