Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
Data File : BF129402.D
Acq On : 28 Jul 2022 11:24
Operator : CG\JU
Sample : PB146497BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 29 02:06:54 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 :
PB146497BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	241353	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	966283	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	499401	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	831656	20.000	ng		0.00
76) Chrysene-d12	14.068	240	559778	20.000	ng		0.00
86) Perylene-d12	15.557	264	434549	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	1831251	123.599	ng		0.03
7) Phenol-d6	6.534	99	2281914	122.533	ng		0.02
23) Nitrobenzene-d5	7.457	82	1524425	86.120	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	610961	127.247	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	2528560	78.325	ng		0.00
79) Terphenyl-d14	13.010	244	2655940	89.511	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.787	88	231729	34.665	ng		90
3) Pyridine	3.563	79	562087	30.278	ng		93
4) n-Nitrosodimethylamine	3.510	42	372565	45.703	ng	#	91
6) Aniline	6.551	93	813110	35.121	ng		95
8) 2-Chlorophenol	6.675	128	775541	47.912	ng		96
9) Benzaldehyde	6.440	77	208799	16.510	ng		97
10) Phenol	6.545	94	897268m	45.244	ng		
11) bis(2-Chloroethyl)ether	6.622	93	726564	46.196	ng		94
12) 1,3-Dichlorobenzene	6.828	146	780205	44.942	ng		97
13) 1,4-Dichlorobenzene	6.904	146	786265	44.533	ng		99
14) 1,2-Dichlorobenzene	7.057	146	756532	46.618	ng		100
15) Benzyl Alcohol	7.034	79	649780	48.109	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	982035	41.539	ng		84
17) 2-Methylphenol	7.145	107	601009	44.756	ng		96
18) Hexachloroethane	7.392	117	302488	45.500	ng	#	88
19) n-Nitroso-di-n-propyla...	7.304	70	498130	44.184	ng		93
20) 3+4-Methylphenols	7.298	107	705115	41.298	ng	#	83
22) Acetophenone	7.298	105	982886	43.690	ng	#	92
24) Nitrobenzene	7.475	77	785802	43.110	ng		95
25) Isophorone	7.710	82	1431828	45.126	ng		99
26) 2-Nitrophenol	7.787	139	409085	45.492	ng		96
27) 2,4-Dimethylphenol	7.828	122	696140m	51.609	ng		
28) bis(2-Chloroethoxy)met...	7.916	93	864453	46.965	ng		99
29) 2,4-Dichlorophenol	8.028	162	605960	43.525	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	630330	43.741	ng		97
31) Naphthalene	8.192	128	2062095	42.004	ng		99
32) Benzoic acid	7.957	122	351457	36.042	ng		97
33) 4-Chloroaniline	8.239	127	571321	28.346	ng		99
34) Hexachlorobutadiene	8.304	225	365553	44.626	ng		100
35) Caprolactam	8.634	113	197393m	43.610	ng		
36) 4-Chloro-3-methylphenol	8.734	107	664885	45.028	ng		94
37) 2-Methylnaphthalene	8.881	142	1366386	42.829	ng		98
38) 1-Methylnaphthalene	8.981	142	1281289	41.603	ng		98
40) 1,2,4,5-Tetrachloroben...	9.051	216	585713	44.666	ng		98
41) Hexachlorocyclopentadiene	9.034	237	624647	106.975	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	411992	43.257	ng		98

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44) 2,4,5-Trichlorophenol	9.216	196	425794	41.110	ng	#	92
46) 1,1'-Biphenyl	9.351	154	1590655	43.644	ng		100
47) 2-Chloronaphthalene	9.375	162	1256457	42.645	ng		99
48) 2-Nitroaniline	9.481	65	423957	43.273	ng	#	83
49) Acenaphthylene	9.792	152	1980037	44.228	ng		99
50) Dimethylphthalate	9.657	163	1468588	42.598	ng		100
51) 2,6-Dinitrotoluene	9.722	165	340364	44.110	ng		91
52) Acenaphthene	9.963	154	1363970m	46.646	ng		
53) 3-Nitroaniline	9.892	138	285779	31.364	ng	#	90
54) 2,4-Dinitrophenol	9.998	184	347688	88.265	ng		94
55) Dibenzofuran	10.139	168	1708972	42.397	ng		97
56) 4-Nitrophenol	10.063	139	530467	78.914	ng		92
57) 2,4-Dinitrotoluene	10.128	165	444461	44.093	ng		95
58) Fluorene	10.480	166	1349066	41.829	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	328375	41.026	ng		92
60) Diethylphthalate	10.351	149	1410389	42.320	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	610413	42.931	ng		92
62) 4-Nitroaniline	10.516	138	363873	40.256	ng		97
63) Azobenzene	10.633	77	1396867	41.094	ng		95
65) 4,6-Dinitro-2-methylph...	10.533	198	224826	42.830	ng		96
66) n-Nitrosodiphenylamine	10.592	169	1189183	42.937	ng		96
67) 4-Bromophenyl-phenylether	10.963	248	398610	43.770	ng		98
68) Hexachlorobenzene	11.027	284	446552	45.255	ng		99
69) Atrazine	11.122	200	365549	43.453	ng		97
70) Pentachlorophenol	11.227	266	427904	79.768	ng		97
71) Phenanthrene	11.445	178	1909799	42.068	ng		100
72) Anthracene	11.498	178	1936468	43.406	ng		99
73) Carbazole	11.657	167	1834235	43.676	ng		100
74) Di-n-butylphthalate	11.974	149	2112022	42.230	ng		100
75) Fluoranthene	12.639	202	1980874	43.064	ng		100
77) Benzidine	12.757	184	609247	30.808	ng		99
78) Pyrene	12.869	202	2023014	43.217	ng		100
80) Butylbenzylphthalate	13.474	149	894922	44.076	ng		99
81) Benzo(a)anthracene	14.057	228	1662417	43.475	ng		99
82) 3,3'-Dichlorobenzidine	14.016	252	461211	36.531	ng	#	98
83) Chrysene	14.098	228	1513443	41.996	ng		100
84) Bis(2-ethylhexyl)phtha...	14.027	149	1173091	43.886	ng		100
85) Di-n-octyl phthalate	14.645	149	1734217	45.084	ng		97
87) Indeno(1,2,3-cd)pyrene	17.068	276	1341886	45.856	ng		99
88) Benzo(b)fluoranthene	15.115	252	1410700	48.940	ng		98
89) Benzo(k)fluoranthene	15.151	252	1287058	45.564	ng		99
90) Benzo(a)pyrene	15.498	252	1269699	54.262	ng		100
91) Dibenzo(a,h)anthracene	17.092	278	1154332	48.466	ng		100
92) Benzo(g,h,i)perylene	17.539	276	1193964	49.059	ng		99

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

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