Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072522\
Data File : BF129340.D
Acq On : 25 Jul 2022 19:31
Operator : CG\JU
Sample : PB146401BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 26 03:10:50 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 :
PB146401BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
07/26/2022
Supervised By :Jagrut Upadhyay
07/26/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	293194	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	1206117	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	647902	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	1091293	20.000	ng	#	0.00
76) Chrysene-d12	14.063	240	680130	20.000	ng	#	0.00
86) Perylene-d12	15.551	264	565793	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	2052101	114.016	ng		0.02
7) Phenol-d6	6.522	99	2679613	118.447	ng		0.00
23) Nitrobenzene-d5	7.451	82	1756127	79.482	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	753404	120.949	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	2963719	70.763	ng		0.00
79) Terphenyl-d14	13.004	244	3159667	87.645	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.763	88	228424	28.129	ng		88
3) Pyridine	3.540	79	648672	28.764	ng		87
4) n-Nitrosodimethylamine	3.481	42	379125	38.285	ng	#	91
6) Aniline	6.551	93	1108304	39.408	ng		99
8) 2-Chlorophenol	6.669	128	840366	42.737	ng		98
9) Benzaldehyde	6.440	77	481221	31.323	ng		99
10) Phenol	6.534	94	1004976m	41.715	ng		
11) bis(2-Chloroethyl)ether	6.622	93	786755	41.179	ng		94
12) 1,3-Dichlorobenzene	6.828	146	808566	38.340	ng		97
13) 1,4-Dichlorobenzene	6.904	146	816981	38.091	ng		98
14) 1,2-Dichlorobenzene	7.051	146	798570	40.507	ng		98
15) Benzyl Alcohol	7.028	79	713138	43.464	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1186765	41.323	ng		93
17) 2-Methylphenol	7.140	107	677770	41.548	ng		99
18) Hexachloroethane	7.398	117	315228	39.033	ng		94
19) n-Nitroso-di-n-propyla...	7.298	70	560428	40.920	ng		94
20) 3+4-Methylphenols	7.292	107	800856	38.612	ng		90
22) Acetophenone	7.298	105	1079484	38.442	ng	#	98
24) Nitrobenzene	7.469	77	872856	38.364	ng		98
25) Isophorone	7.710	82	1684320	42.528	ng		99
26) 2-Nitrophenol	7.787	139	461207	41.090	ng		90
27) 2,4-Dimethylphenol	7.822	122	772940	45.908	ng		97
28) bis(2-Chloroethoxy)met...	7.916	93	1014826	44.171	ng		100
29) 2,4-Dichlorophenol	8.028	162	701356	40.359	ng		97
30) 1,2,4-Trichlorobenzene	8.110	180	676766	37.625	ng		98
31) Naphthalene	8.192	128	2303366	37.589	ng		100
32) Benzoic acid	7.951	122	513131	42.158	ng		98
33) 4-Chloroaniline	8.239	127	880437	34.996	ng		97
34) Hexachlorobutadiene	8.304	225	379921	37.158	ng		99
35) Caprolactam	8.622	113	232800m	41.205	ng		
36) 4-Chloro-3-methylphenol	8.722	107	774627	42.028	ng		96
37) 2-Methylnaphthalene	8.881	142	1542393	38.732	ng		99
38) 1-Methylnaphthalene	8.981	142	1483550	38.592	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	649399	38.172	ng	#	97
41) Hexachlorocyclopentadiene	9.034	237	750973	99.132	ng		98
43) 2,4,6-Trichlorophenol	9.163	196	496858	40.211	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	525907	39.138	ng		95
46) 1,1'-Biphenyl	9.351	154	1842601	38.969	ng		99
47) 2-Chloronaphthalene	9.375	162	1466986	38.378	ng		99
48) 2-Nitroaniline	9.475	65	514794	40.502	ng		89
49) Acenaphthylene	9.792	152	2238799	38.546	ng		99
50) Dimethylphthalate	9.651	163	1753243	39.199	ng		100
51) 2,6-Dinitrotoluene	9.716	165	408359	40.792	ng		98
52) Acenaphthene	9.963	154	1623289m	42.791	ng		
53) 3-Nitroaniline	9.886	138	376096	31.816	ng	#	91
54) 2,4-Dinitrophenol	9.992	184	448585	87.778	ng		96
55) Dibenzofuran	10.139	168	2009883	38.433	ng		98
56) 4-Nitrophenol	10.051	139	716171	82.120	ng		97
57) 2,4-Dinitrotoluene	10.122	165	538419	41.171	ng		98
58) Fluorene	10.480	166	1579444	37.747	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	403901	38.896	ng		92
60) Diethylphthalate	10.351	149	1679071	38.834	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	712862	38.645	ng		92
62) 4-Nitroaniline	10.510	138	462087	39.405	ng		90
63) Azobenzene	10.628	77	1704809	38.658	ng		95
65) 4,6-Dinitro-2-methylph...	10.533	198	282341	40.990	ng		82
66) n-Nitrosodiphenylamine	10.592	169	1430284	39.355	ng		97
67) 4-Bromophenyl-phenylether	10.963	248	471866	39.487	ng		97
68) Hexachlorobenzene	11.027	284	521966	40.312	ng		99
69) Atrazine	11.116	200	482054	43.669	ng		97
70) Pentachlorophenol	11.222	266	569117	80.852	ng		98
71) Phenanthrene	11.445	178	2271925	38.138	ng		100
72) Anthracene	11.498	178	2288853	39.099	ng		99
73) Carbazole	11.651	167	2192348	39.783	ng		100
74) Di-n-butylphthalate	11.974	149	2535787	38.640	ng		99
75) Fluoranthene	12.633	202	2340832	38.782	ng		96
77) Benzidine	12.757	184	1361209	56.653	ng		100
78) Pyrene	12.869	202	2377785	41.808	ng		99
80) Butylbenzylphthalate	13.474	149	1078067	43.701	ng		99
81) Benzo(a)anthracene	14.051	228	1900329	40.903	ng		99
82) 3,3'-Dichlorobenzidine	14.016	252	522106	34.037	ng	#	96
83) Chrysene	14.092	228	1710945	39.075	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	1412490	43.491	ng		99
85) Di-n-octyl phthalate	14.645	149	2010600	43.020	ng		98
87) Indeno(1,2,3-cd)pyrene	17.062	276	1625607	42.666	ng		98
88) Benzo(b)fluoranthene	15.115	252	1617384	43.095	ng		98
89) Benzo(k)fluoranthene	15.145	252	1542585	41.942	ng		97
90) Benzo(a)pyrene	15.492	252	1379026	45.264	ng		98
91) Dibenzo(a,h)anthracene	17.086	278	1392103	44.891	ng		98
92) Benzo(g,h,i)perylene	17.527	276	1435717	45.308	ng		97

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

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