Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
Data File : BF129413.D
Acq On : 28 Jul 2022 17:31
Operator : CG\JU
Sample : N3920-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 29 02:08:28 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 :
PB-07-27-2022MS

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	6.881	152	218336	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	882669	20.000	ng		0.00
39) Acenaphthene-d10	9.927	164	472267	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	793635	20.000	ng	#	0.00
76) Chrysene-d12	14.062	240	437295	20.000	ng	#	0.00
86) Perylene-d12	15.551	264	406414	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	1428630	106.590	ng		0.02
7) Phenol-d6	6.528	99	1877460	111.443	ng		0.01
23) Nitrobenzene-d5	7.451	82	1202563	74.372	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	514857	113.392	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	2166122	70.953	ng		0.00
79) Terphenyl-d14	13.004	244	2195246	94.707	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.757	88	243693	40.298	ng		91
3) Pyridine	3.528	79	652690	38.865	ng		91
4) n-Nitrosodimethylamine	3.481	42	327885	44.462	ng	#	94
6) Aniline	6.551	93	825744	39.427	ng		99
8) 2-Chlorophenol	6.675	128	675700	46.144	ng		96
9) Benzaldehyde	6.439	77	330103	28.853	ng		98
10) Phenol	6.539	94	797589m	44.458	ng		
11) bis(2-Chloroethyl)ether	6.622	93	641190	45.066	ng		93
12) 1,3-Dichlorobenzene	6.828	146	700151	44.582	ng		97
13) 1,4-Dichlorobenzene	6.904	146	704581	44.114	ng		99
14) 1,2-Dichlorobenzene	7.051	146	675152	45.989	ng		98
15) Benzyl Alcohol	7.034	79	577986	47.305	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	928228	43.402	ng		90
17) 2-Methylphenol	7.145	107	532553	43.839	ng		95
18) Hexachloroethane	7.392	117	272463	45.304	ng	#	88
19) n-Nitroso-di-n-propyla...	7.298	70	454043	44.519	ng		93
20) 3+4-Methylphenols	7.298	107	631135	40.862	ng	#	79
22) Acetophenone	7.298	105	891782	43.395	ng	#	94
24) Nitrobenzene	7.469	77	701317	42.119	ng		97
25) Isophorone	7.710	82	1298126	44.788	ng		98
26) 2-Nitrophenol	7.786	139	363533	44.256	ng		94
27) 2,4-Dimethylphenol	7.822	122	617791m	50.139	ng		
28) bis(2-Chloroethoxy)met...	7.916	93	798218	47.474	ng		99
29) 2,4-Dichlorophenol	8.028	162	555066	43.646	ng		100
30) 1,2,4-Trichlorobenzene	8.110	180	561838	42.681	ng		97
31) Naphthalene	8.192	128	1875209	41.815	ng		99
32) Benzoic acid	7.945	122	240191	26.965	ng		97
33) 4-Chloroaniline	8.239	127	601062	32.646	ng		99
34) Hexachlorobutadiene	8.304	225	329700	44.062	ng		99
35) Caprolactam	8.628	113	180053m	43.548	ng		
36) 4-Chloro-3-methylphenol	8.728	107	607465	45.036	ng		97
37) 2-Methylnaphthalene	8.880	142	1248679	42.847	ng		99
38) 1-Methylnaphthalene	8.980	142	1193170	42.412	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	538967	43.463	ng	#	98
41) Hexachlorocyclopentadiene	9.033	237	597966	108.289	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	385080	42.755	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	410099	41.870	ng		96
46) 1,1'-Biphenyl	9.345	154	1495084	43.379	ng		100
47) 2-Chloronaphthalene	9.375	162	1180309	42.362	ng		100
48) 2-Nitroaniline	9.475	65	390522	42.151	ng		93
49) Acenaphthylene	9.792	152	1785442	42.172	ng		100
50) Dimethylphthalate	9.651	163	1414027	43.372	ng		99
51) 2,6-Dinitrotoluene	9.716	165	317037	43.448	ng		95
52) Acenaphthene	9.963	154	1272260m	46.010	ng		
53) 3-Nitroaniline	9.886	138	279206	32.403	ng	#	96
54) 2,4-Dinitrophenol	9.998	184	290142	77.888	ng	#	88
55) Dibenzofuran	10.133	168	1624735	42.623	ng		95
56) 4-Nitrophenol	10.063	139	484547	76.224	ng		98
57) 2,4-Dinitrotoluene	10.122	165	417798	43.829	ng		99
58) Fluorene	10.480	166	1303380	42.734	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	308431	40.748	ng	#	92
60) Diethylphthalate	10.351	149	1377061	43.694	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	587885	43.722	ng		91
62) 4-Nitroaniline	10.510	138	341940	40.003	ng		95
63) Azobenzene	10.627	77	1339188	41.661	ng		96
65) 4,6-Dinitro-2-methylph...	10.533	198	197086	39.345	ng		91
66) n-Nitrosodiphenylamine	10.592	169	1124753	42.556	ng		97
67) 4-Bromophenyl-phenylether	10.957	248	383149	44.088	ng	#	91
68) Hexachlorobenzene	11.027	284	418528	44.446	ng		96
69) Atrazine	11.121	200	381640	47.539	ng		97
70) Pentachlorophenol	11.227	266	390393	76.262	ng		99
71) Phenanthrene	11.445	178	1816292	41.925	ng		100
72) Anthracene	11.498	178	1832156	43.035	ng		99
73) Carbazole	11.657	167	1690732	42.188	ng		99
74) Di-n-butylphthalate	11.974	149	2103450	44.073	ng		99
75) Fluoranthene	12.633	202	1787034	40.711	ng		98
77) Benzidine	12.757	184	733263	47.465	ng		99
78) Pyrene	12.868	202	1768236	48.355	ng		99
80) Butylbenzylphthalate	13.474	149	795788	50.172	ng		96
81) Benzo(a)anthracene	14.051	228	1256203	42.054	ng		100
82) 3,3'-Dichlorobenzidine	14.015	252	392153	39.761	ng		97
83) Chrysene	14.092	228	1155690	41.051	ng		100
84) Bis(2-ethylhexyl)phtha...	14.027	149	1040372	49.822	ng		99
85) Di-n-octyl phthalate	14.645	149	1459610	48.574	ng		97
87) Indeno(1,2,3-cd)pyrene	17.068	276	1325475	48.431	ng		100
88) Benzo(b)fluoranthene	15.115	252	1128999	41.879	ng		99
89) Benzo(k)fluoranthene	15.145	252	1087393	41.160	ng		99
90) Benzo(a)pyrene	15.492	252	1012626	46.272	ng		99
91) Dibenzo(a,h)anthracene	17.086	278	1140086	51.182	ng		99
92) Benzo(g,h,i)perylene	17.533	276	1162205	51.060	ng		99

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

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