Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062622\
Data File : BF129019.D
Acq On : 26 Jun 2022 22:22
Operator : CG\JU
Sample : PB145737BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 27 06:34:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 05:55:00 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB145737BS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
06/27/2022
Supervised By :Jagrut Upadhyay
06/27/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.704	152	103555	20.000	ng		0.00
21) Naphthalene-d8	7.987	136	406066	20.000	ng		0.00
39) Acenaphthene-d10	9.745	164	232161	20.000	ng		0.00
64) Phenanthrene-d10	11.233	188	612095	20.000	ng		0.00
76) Chrysene-d12	13.880	240	429394	20.000	ng	#	0.00
86) Perylene-d12	15.310	264	235442	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	728264	109.178	ng		0.02
7) Phenol-d6	6.369	99	901435	115.607	ng		0.00
23) Nitrobenzene-d5	7.281	82	645949	76.582	ng		0.00
42) 2,4,6-Tribromophenol	10.545	330	366308	151.975	ng		0.00
45) 2-Fluorobiphenyl	9.069	172	1222706	76.311	ng		0.00
79) Terphenyl-d14	12.822	244	1861795	80.375	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.505	88	79626	43.977	ng		96
3) Pyridine	3.205	79	311433	44.558	ng		94
4) n-Nitrosodimethylamine	3.175	42	234119	56.039	ng	#	86
6) Aniline	6.369	93	269282	31.943	ng	#	58
8) 2-Chlorophenol	6.498	128	288709	44.095	ng		97
10) Phenol	6.381	94	360676	43.798	ng		77
11) bis(2-Chloroethyl)ether	6.446	93	267136	43.670	ng		98
12) 1,3-Dichlorobenzene	6.646	146	314545	41.846	ng		98
13) 1,4-Dichlorobenzene	6.722	146	319904	42.256	ng		99
14) 1,2-Dichlorobenzene	6.875	146	300223	43.119	ng		99
15) Benzyl Alcohol	6.863	79	224871	36.768	ng		94
16) 2,2'-oxybis(1-Chloropr...	6.981	45	407234	40.284	ng	#	9
17) 2-Methylphenol	7.140	107	312346	44.478	ng	#	80
18) Hexachloroethane	7.210	117	120732	43.984	ng		96
19) n-Nitroso-di-n-propyla...	7.128	70	216357	44.958	ng		97
20) 3+4-Methylphenols	7.140	107	312346	44.478	ng	#	81
22) Acetophenone	7.122	105	427109	39.854	ng		96
24) Nitrobenzene	7.298	77	330395	42.324	ng		100
25) Isophorone	7.540	82	582350	45.555	ng		99
26) 2-Nitrophenol	7.610	139	153876	41.990	ng	#	89
27) 2,4-Dimethylphenol	7.663	122	262008	48.482	ng		93
28) bis(2-Chloroethoxy)met...	7.745	93	336785	40.787	ng		98
29) 2,4-Dichlorophenol	7.863	162	256729	42.282	ng		100
30) 1,2,4-Trichlorobenzene	7.934	180	275209	41.032	ng		98
31) Naphthalene	8.010	128	848599	41.609	ng		99
32) Benzoic acid	7.834	122	94445	39.798	ng		91
33) 4-Chloroaniline	8.069	127	220899	28.108	ng		97
34) Hexachlorobutadiene	8.122	225	183185	42.458	ng		99
35) Caprolactam	8.463	113	75386m	45.935	ng		
36) 4-Chloro-3-methylphenol	8.581	107	285428	47.747	ng		97
37) 2-Methylnaphthalene	8.704	142	546967	48.063	ng		99
38) 1-Methylnaphthalene	8.804	142	518998	47.462	ng		99
40) 1,2,4,5-Tetrachloroben...	8.869	216	286296	38.586	ng		100
41) Hexachlorocyclopentadiene	8.851	237	147737	70.273	ng		100
43) 2,4,6-Trichlorophenol	8.998	196	164102	38.577	ng		96
44) 2,4,5-Trichlorophenol	9.051	196	174196	39.330	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	9.169	154	699665	41.493	ng		99
47)	2-Chloronaphthalene	9.192	162	533845	40.681	ng		98
48)	2-Nitroaniline	9.304	65	197992	42.404	ng		99
49)	Acenaphthylene	9.610	152	858637	43.563	ng		98
50)	Dimethylphthalate	9.481	163	644929	41.813	ng		100
51)	2,6-Dinitrotoluene	9.545	165	142058	43.971	ng	#	78
52)	Acenaphthene	9.781	154	493056	41.403	ng		99
53)	3-Nitroaniline	9.716	138	100761	28.329	ng		95
54)	2,4-Dinitrophenol	9.839	184	119331	76.234	ng		89
55)	Dibenzofuran	9.951	168	734041	39.793	ng		92
56)	4-Nitrophenol	9.916	139	119681	93.808	ng	#	74
57)	2,4-Dinitrotoluene	9.957	165	181627	42.762	ng	#	83
58)	Fluorene	10.298	166	607078	41.808	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.081	232	143012	44.313	ng		95
60)	Diethylphthalate	10.181	149	636020	42.365	ng		98
61)	4-Chlorophenyl-phenyle...	10.286	204	301241	40.680	ng		93
62)	4-Nitroaniline	10.339	138	135490	40.353	ng		86
63)	Azobenzene	10.451	77	642767	41.808	ng		97
65)	4,6-Dinitro-2-methylph...	10.369	198	97766	27.872	ng		99
66)	n-Nitrosodiphenylamine	10.410	169	554367	29.465	ng		99
67)	4-Bromophenyl-phenylether	10.775	248	262026	39.010	ng		93
68)	Hexachlorobenzene	10.845	284	297216	40.167	ng		92
69)	Atrazine	10.945	200	250863	44.459	ng		96
70)	Pentachlorophenol	11.051	266	151294	87.041	ng		98
71)	Phenanthrene	11.257	178	1229998	40.548	ng		99
72)	Anthracene	11.310	178	1241875	41.040	ng		99
73)	Carbazole	11.475	167	1068504	37.261	ng		99
74)	Di-n-butylphthalate	11.798	149	1310536	40.251	ng		99
75)	Fluoranthene	12.445	202	1324992	42.502	ng		98
77)	Benzidine	12.575	184	379977	Below Cal			98
78)	Pyrene	12.675	202	1310906	42.685	ng		99
80)	Butylbenzylphthalate	13.292	149	537738	43.679	ng		100
81)	Benzo(a)anthracene	13.869	228	1109902	41.643	ng		99
82)	3,3'-Dichlorobenzidine	13.833	252	300783	49.794	ng		97
83)	Chrysene	13.910	228	1028468	40.344	ng		100
84)	Bis(2-ethylhexyl)phtha...	13.851	149	709238	44.383	ng		99
85)	Di-n-octyl phthalate	14.469	149	1013244	41.183	ng		100
87)	Indeno(1,2,3-cd)pyrene	16.715	276	588643	42.551	ng	#	93
88)	Benzo(b)fluoranthene	14.904	252	693253	48.452	ng	#	97
89)	Benzo(k)fluoranthene	14.933	252	638156	45.275	ng	#	96
90)	Benzo(a)pyrene	15.251	252	603570	51.992	ng	#	97
91)	Dibenzo(a,h)anthracene	16.721	278	524082	45.974	ng	#	95
92)	Benzo(g,h,i)perylene	17.139	276	515386	45.536	ng	#	93

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

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