Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128955.D
Acq On : 23 Jun 2022 15:28
Operator : CG\JU
Sample : PB145722BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 24 04:30:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 00:50:48 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB145722BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	87028	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	334801	20.000	ng	# 0.01
39) Acenaphthene-d10	9.775	164	192789	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	498734	20.000	ng	0.01
76) Chrysene-d12	13.916	240	260677	20.000	ng	# 0.02
86) Perylene-d12	15.351	264	179871	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	613540	112.293	ng	0.02
7) Phenol-d6	6.399	99	775500	116.277	ng	0.01
23) Nitrobenzene-d5	7.310	82	559714	77.836	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	250814	110.108	ng	0.01
45) 2-Fluorobiphenyl	9.098	172	1075748	78.164	ng	0.00
79) Terphenyl-d14	12.851	244	1638297	109.207	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.516	88	83524	41.178	ng	# 92
3) Pyridine	3.234	79	227240	42.173	ng	86
4) n-Nitrosodimethylamine	3.193	42	195727	52.381	ng	# 76
6) Aniline	6.399	93	264865	36.823	ng	# 55
8) 2-Chlorophenol	6.528	128	237399	42.463	ng	94
9) Benzaldehyde	6.287	77	72076	17.739	ng	95
10) Phenol	6.410	94	294644	41.793	ng	78
11) bis(2-Chloroethyl)ether	6.475	93	222494	43.069	ng	97
12) 1,3-Dichlorobenzene	6.675	146	260884	40.365	ng	99
13) 1,4-Dichlorobenzene	6.751	146	263622	40.386	ng	100
14) 1,2-Dichlorobenzene	6.904	146	254339	41.653	ng	99
15) Benzyl Alcohol	6.893	79	224198	40.177	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.016	45	353075	41.482	ng	# 2
17) 2-Methylphenol	7.169	107	255540	57.833	ng	# 84
18) Hexachloroethane	7.240	117	104752	43.134	ng	94
19) n-Nitroso-di-n-propyla...	7.157	70	186657	45.013	ng	94
20) 3+4-Methylphenols	7.169	107	255540	43.319	ng	# 83
22) Acetophenone	7.151	105	358486	40.939	ng	95
24) Nitrobenzene	7.328	77	280673	42.515	ng	97
25) Isophorone	7.569	82	489950	44.861	ng	98
26) 2-Nitrophenol	7.640	139	124013	42.635	ng	# 81
27) 2,4-Dimethylphenol	7.693	122	213991	48.296	ng	93
28) bis(2-Chloroethoxy)met...	7.775	93	283376	41.045	ng	98
29) 2,4-Dichlorophenol	7.893	162	207481	40.459	ng	98
30) 1,2,4-Trichlorobenzene	7.963	180	227181	39.344	ng	98
31) Naphthalene	8.040	128	699456	40.708	ng	99
32) Benzoic acid	7.857	122	72530	23.072	ng	88
33) 4-Chloroaniline	8.098	127	194695	30.054	ng	97
34) Hexachlorobutadiene	8.157	225	159869	39.039	ng	98
35) Caprolactam	8.481	113	61429m	43.318	ng	
36) 4-Chloro-3-methylphenol	8.604	107	237513	42.438	ng	95
37) 2-Methylnaphthalene	8.734	142	453643	41.509	ng	100
38) 1-Methylnaphthalene	8.834	142	434530	41.153	ng	97
40) 1,2,4,5-Tetrachloroben...	8.898	216	244887	40.900	ng	99
41) Hexachlorocyclopentadiene	8.881	237	189966	52.782	ng	99
43) 2,4,6-Trichlorophenol	9.022	196	143012	35.320	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	149922	35.829	ng		96
46) 1,1'-Biphenyl	9.198	154	581037	40.168	ng		98
47) 2-Chloronaphthalene	9.228	162	450854	40.846	ng		98
48) 2-Nitroaniline	9.328	65	165340	43.805	ng		89
49) Acenaphthylene	9.639	152	719243	42.564	ng		100
50) Dimethylphthalate	9.510	163	556384	42.163	ng		100
51) 2,6-Dinitrotoluene	9.575	165	117580	45.145	ng	#	83
52) Acenaphthene	9.810	154	411471	37.392	ng		99
53) 3-Nitroaniline	9.745	138	87066	30.801	ng		96
54) 2,4-Dinitrophenol	9.863	184	96866	66.773	ng		93
55) Dibenzofuran	9.986	168	625319	39.540	ng		95
56) 4-Nitrophenol	9.945	139	110569	53.962	ng	#	77
57) 2,4-Dinitrotoluene	9.981	165	160418	46.152	ng	#	66
58) Fluorene	10.328	166	509733	41.561	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.110	232	117360	33.957	ng	#	97
60) Diethylphthalate	10.210	149	564358	42.552	ng		100
61) 4-Chlorophenyl-phenyle...	10.316	204	257879	40.538	ng	#	89
62) 4-Nitroaniline	10.369	138	107222	37.463	ng	#	84
63) Azobenzene	10.481	77	544358	41.692	ng		98
65) 4,6-Dinitro-2-methylph...	10.398	198	84315	28.647	ng		89
66) n-Nitrosodiphenylamine	10.445	169	468533	30.565	ng		98
67) 4-Bromophenyl-phenylether	10.810	248	181584	32.648	ng		97
68) Hexachlorobenzene	10.875	284	239337	38.748	ng		96
69) Atrazine	10.975	200	215187	43.652	ng		97
70) Pentachlorophenol	11.081	266	215161	69.783	ng		97
71) Phenanthrene	11.292	178	1015530	40.596	ng		99
72) Anthracene	11.345	178	1046512	42.266	ng		99
73) Carbazole	11.504	167	930005	40.440	ng		100
74) Di-n-butylphthalate	11.828	149	1199390	42.835	ng		100
75) Fluoranthene	12.480	202	1108798	42.404	ng		98
77) Benzidine	12.604	184	469194	90.291	ng		99
78) Pyrene	12.710	202	1106630	57.060	ng		99
80) Butylbenzylphthalate	13.327	149	489983	60.161	ng		100
81) Benzo(a)anthracene	13.904	228	698509	42.988	ng		100
82) 3,3'-Dichlorobenzidine	13.863	252	168077	48.349	ng		99
83) Chrysene	13.939	228	656781	42.397	ng		99
84) Bis(2-ethylhexyl)phtha...	13.886	149	509282	48.098	ng		100
85) Di-n-octyl phthalate	14.498	149	775455	48.626	ng		100
87) Indeno(1,2,3-cd)pyrene	16.774	276	431913	39.840	ng	#	92
88) Benzo(b)fluoranthene	14.939	252	530538	46.160	ng	#	97
89) Benzo(k)fluoranthene	14.969	252	507798	46.967	ng	#	96
90) Benzo(a)pyrene	15.292	252	461260	51.061	ng	#	96
91) Dibenzo(a,h)anthracene	16.780	278	382603	42.547	ng	#	95
92) Benzo(g,h,i)perylene	17.198	276	372237	41.766	ng	#	93

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

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