Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
Data File : BF128591.D
Acq On : 31 May 2022 13:03
Operator : CG\JU
Sample : PB145191BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB145191BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

Quant Time: Jun 01 00:56:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 27 01:51:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	165633	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	646322	20.000	ng	#	0.00
39) Acenaphthene-d10	9.886	164	357252	20.000	ng		0.00
64) Phenanthrene-d10	11.375	188	653043	20.000	ng		0.00
76) Chrysene-d12	14.016	240	422398	20.000	ng	#	0.00
86) Perylene-d12	15.480	264	324170	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	1139793	113.984	ng		0.03
7) Phenol-d6	6.481	99	1399148	109.739	ng		0.01
23) Nitrobenzene-d5	7.410	82	1004565	89.664	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	454529	133.668	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1839357	83.647	ng		0.00
79) Terphenyl-d14	12.963	244	1997567	91.365	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	115673	25.943	ng	#	95
3) Pyridine	3.475	79	316080	27.381	ng		95
4) n-Nitrosodimethylamine	3.434	42	258156	42.676	ng	#	83
6) Aniline	6.504	93	514346	34.571	ng		92
8) 2-Chlorophenol	6.628	128	446307	43.044	ng		98
9) Benzaldehyde	6.393	77	253211	47.704	ng		93
10) Phenol	6.498	94	514197m	40.699	ng		
11) bis(2-Chloroethyl)ether	6.581	93	414825	40.110	ng		100
12) 1,3-Dichlorobenzene	6.787	146	484480	41.126	ng		98
13) 1,4-Dichlorobenzene	6.863	146	483869	40.608	ng		98
14) 1,2-Dichlorobenzene	7.010	146	466038	42.495	ng		97
15) Benzyl Alcohol	6.987	79	415091	42.687	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.116	45	682779	37.302	ng		96
17) 2-Methylphenol	7.098	107	359806	40.772	ng		93
18) Hexachloroethane	7.351	117	187290	44.560	ng		94
19) n-Nitroso-di-n-propyla...	7.263	70	323500	41.382	ng		98
20) 3+4-Methylphenols	7.251	107	425026	39.867	ng	#	82
22) Acetophenone	7.257	105	608219	40.812	ng	#	90
24) Nitrobenzene	7.428	77	495486	44.734	ng		95
25) Isophorone	7.669	82	883299	42.738	ng		98
26) 2-Nitrophenol	7.739	139	229652	49.608	ng	#	88
27) 2,4-Dimethylphenol	7.781	122	404053m	43.911	ng		
28) bis(2-Chloroethoxy)met...	7.875	93	511813	38.157	ng		99
29) 2,4-Dichlorophenol	7.987	162	379710	39.874	ng		97
30) 1,2,4-Trichlorobenzene	8.069	180	416147	40.344	ng		99
31) Naphthalene	8.151	128	1269576	40.134	ng		99
32) Benzoic acid	7.922	122	263069	40.444	ng		97
33) 4-Chloroaniline	8.192	127	363196	28.836	ng		96
34) Hexachlorobutadiene	8.263	225	283979	43.604	ng		97
35) Caprolactam	8.586	113	111214m	37.874	ng		
36) 4-Chloro-3-methylphenol	8.681	107	414452	42.366	ng		94
37) 2-Methylnaphthalene	8.839	142	802946	40.213	ng		100
38) 1-Methylnaphthalene	8.939	142	764787	39.382	ng		99
40) 1,2,4,5-Tetrachloroben...	9.004	216	410935	41.888	ng		98
41) Hexachlorocyclopentadiene	8.992	237	525452	95.284	ng		99
43) 2,4,6-Trichlorophenol	9.122	196	290297	40.127	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	300782	40.351	ng		95
46) 1,1'-Biphenyl	9.304	154	1014399	40.438	ng		99
47) 2-Chloronaphthalene	9.334	162	776760	39.445	ng		99
48) 2-Nitroaniline	9.428	65	280013	51.136	ng		94
49) Acenaphthylene	9.751	152	1273656	42.102	ng		99
50) Dimethylphthalate	9.616	163	964171	41.606	ng		99
51) 2,6-Dinitrotoluene	9.675	165	208132	49.006	ng		94
52) Acenaphthene	9.922	154	865284m	46.359	ng		
53) 3-Nitroaniline	9.839	138	171618	34.990	ng		96
54) 2,4-Dinitrophenol	9.951	184	220512	100.459	ng		90
55) Dibenzofuran	10.092	168	1092193	39.440	ng		93
56) 4-Nitrophenol	10.010	139	325803	81.860	ng	#	68
57) 2,4-Dinitrotoluene	10.075	165	280875	55.279	ng		91
58) Fluorene	10.433	166	848525	42.562	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	250280	41.432	ng		98
60) Diethylphthalate	10.316	149	944528	41.958	ng		100
61) 4-Chlorophenyl-phenyle...	10.428	204	430839	42.594	ng		95
62) 4-Nitroaniline	10.463	138	208515	44.403	ng		87
63) Azobenzene	10.586	77	905121	39.495	ng		97
65) 4,6-Dinitro-2-methylph...	10.486	198	142833	47.406	ng		96
66) n-Nitrosodiphenylamine	10.551	169	785713	40.187	ng		99
67) 4-Bromophenyl-phenylether	10.916	248	284667	42.191	ng		93
68) Hexachlorobenzene	10.980	284	316271	42.448	ng		98
69) Atrazine	11.080	200	273911	45.140	ng		97
70) Pentachlorophenol	11.180	266	356224	78.455	ng		98
71) Phenanthrene	11.398	178	1269532	41.038	ng		99
72) Anthracene	11.451	178	1274201	41.235	ng		99
73) Carbazole	11.604	167	1126374	38.035	ng		99
74) Di-n-butylphthalate	11.933	149	1468501	42.132	ng		99
75) Fluoranthene	12.586	202	1339685	40.506	ng		98
77) Benzidine	12.704	184	441427	45.308	ng		98
78) Pyrene	12.816	202	1332143	41.863	ng		100
80) Butylbenzylphthalate	13.433	149	566791	42.228	ng		99
81) Benzo(a)anthracene	14.004	228	1040871	41.459	ng		99
82) 3,3'-Dichlorobenzidine	13.969	252	329900	51.316	ng		100
83) Chrysene	14.045	228	1005880	39.122	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	743291	45.786	ng		98
85) Di-n-octyl phthalate	14.610	149	1144355	40.046	ng		100
87) Indeno(1,2,3-cd)pyrene	16.951	276	819229	42.847	ng	#	94
88) Benzo(b)fluoranthene	15.057	252	904993	44.878	ng	#	97
89) Benzo(k)fluoranthene	15.086	252	835180	44.701	ng	#	97
90) Benzo(a)pyrene	15.421	252	823805	50.918	ng	#	97
91) Dibenzo(a,h)anthracene	16.968	278	724245	45.685	ng	#	95
92) Benzo(g,h,i)perylene	17.392	276	708260	45.043	ng	#	93

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

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