Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032222\
Data File : BF127451.D
Acq On : 22 Mar 2022 14:43
Operator : CG\JU
Sample : PB143450BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 23 03:01:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 22 02:16:33 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB143450BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	97007	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	365179	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	209292	20.000	ng	0.00
64) Phenanthrene-d10	11.381	188	370045	20.000	ng	0.00
76) Chrysene-d12	14.027	240	247640	20.000	ng	0.00
86) Perylene-d12	15.504	264	183985	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	551671	90.776	ng	0.01
7) Phenol-d6	6.487	99	737228	88.746	ng	0.00
23) Nitrobenzene-d5	7.422	82	710560	83.174	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	182805	81.994	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1166036	81.354	ng	0.00
79) Terphenyl-d14	12.963	244	1326037	87.657	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	104980	39.330	ng	95
3) Pyridine	3.452	79	230223	30.559	ng	98
4) n-Nitrosodimethylamine	3.428	42	192878	46.630	ng	95
6) Aniline	6.516	93	447134	45.104	ng	99
8) 2-Chlorophenol	6.634	128	298022	47.987	ng	96
9) Benzaldehyde	6.404	77	238394	59.244	ng	98
10) Phenol	6.504	94	423924	46.859	ng	94
11) bis(2-Chloroethyl)ether	6.587	93	321417	48.554	ng	99
12) 1,3-Dichlorobenzene	6.787	146	307952	44.087	ng	99
13) 1,4-Dichlorobenzene	6.863	146	313271	44.586	ng	97
14) 1,2-Dichlorobenzene	7.016	146	301308	44.029	ng	97
15) Benzyl Alcohol	6.998	79	284585	47.139	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.122	45	564232	47.366	ng	96
17) 2-Methylphenol	7.110	107	244580	46.665	ng	95
18) Hexachloroethane	7.357	117	118349	46.009	ng	96
19) n-Nitroso-di-n-propyla...	7.269	70	229029	45.995	ng	98
20) 3+4-Methylphenols	7.263	107	288402	44.613	ng	93
22) Acetophenone	7.263	105	418250	44.805	ng	98
24) Nitrobenzene	7.440	77	366443	44.977	ng	100
25) Isophorone	7.675	82	637719	46.868	ng	99
26) 2-Nitrophenol	7.751	139	154150	45.113	ng	99
27) 2,4-Dimethylphenol	7.787	122	256515	49.906	ng	94
28) bis(2-Chloroethoxy)met...	7.881	93	384162	43.463	ng	99
29) 2,4-Dichlorophenol	7.998	162	261832	44.872	ng	97
30) 1,2,4-Trichlorobenzene	8.075	180	290319	42.697	ng	97
31) Naphthalene	8.157	128	853142	44.004	ng	99
32) Benzoic acid	7.945	122	112820	39.426	ng	97
33) 4-Chloroaniline	8.210	127	266784	35.510	ng	98
34) Hexachlorobutadiene	8.263	225	182807	42.339	ng	99
35) Caprolactam	8.592	113	83289m	46.301	ng	
36) 4-Chloro-3-methylphenol	8.698	107	289533	45.733	ng	99
37) 2-Methylnaphthalene	8.845	142	574029	46.045	ng	99
38) 1-Methylnaphthalene	8.945	142	532236	43.176	ng	98
40) 1,2,4,5-Tetrachloroben...	9.010	216	293690	44.134	ng	98
41) Hexachlorocyclopentadiene	8.992	237	230589	92.791	ng	98
43) 2,4,6-Trichlorophenol	9.128	196	169853	42.226	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	184998	44.678	ng		97
46) 1,1'-Biphenyl	9.310	154	699860	44.275	ng		99
47) 2-Chloronaphthalene	9.339	162	535462	43.017	ng		98
48) 2-Nitroaniline	9.445	65	212499	44.543	ng		94
49) Acenaphthylene	9.757	152	821887	43.675	ng		100
50) Dimethylphthalate	9.616	163	634088	43.550	ng		100
51) 2,6-Dinitrotoluene	9.686	165	140934	46.112	ng	#	84
52) Acenaphthene	9.928	154	484968	44.170	ng		98
53) 3-Nitroaniline	9.857	138	124528	37.143	ng		96
54) 2,4-Dinitrophenol	9.969	184	95179	63.693	ng		93
55) Dibenzofuran	10.098	168	709144	44.743	ng		99
56) 4-Nitrophenol	10.028	139	146021	85.574	ng		98
57) 2,4-Dinitrotoluene	10.092	165	173020	43.981	ng		97
58) Fluorene	10.439	166	573802	45.119	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	155313	42.424	ng		98
60) Diethylphthalate	10.310	149	562784	42.319	ng		99
61) 4-Chlorophenyl-phenyle...	10.428	204	299216	39.762	ng		98
62) 4-Nitroaniline	10.481	138	128938	41.058	ng		99
63) Azobenzene	10.592	77	665322	42.400	ng		99
65) 4,6-Dinitro-2-methylph...	10.504	198	84229	36.992	ng		89
66) n-Nitrosodiphenylamine	10.551	169	494232	43.876	ng		98
67) 4-Bromophenyl-phenylether	10.922	248	183048	42.369	ng		97
68) Hexachlorobenzene	10.986	284	205935	43.668	ng		96
69) Atrazine	11.081	200	179318	47.818	ng		96
70) Pentachlorophenol	11.186	266	140871	77.590	ng		97
71) Phenanthrene	11.410	178	831465	43.099	ng		99
72) Anthracene	11.463	178	854626	44.640	ng		98
73) Carbazole	11.616	167	753816	41.173	ng		99
74) Di-n-butylphthalate	11.933	149	837928	44.215	ng		99
75) Fluoranthene	12.598	202	921155	43.412	ng		99
77) Benzidine	12.722	184	412272	69.821	ng		98
78) Pyrene	12.827	202	939715	44.216	ng		100
80) Butylbenzylphthalate	13.433	149	325708	46.564	ng		100
81) Benzo(a)anthracene	14.016	228	715266	43.190	ng		98
82) 3,3'-Dichlorobenzidine	13.974	252	195574	40.182	ng		100
83) Chrysene	14.057	228	691897	44.120	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	411979	50.951	ng		98
85) Di-n-octyl phthalate	14.598	149	564230	52.438	ng		100
87) Indeno(1,2,3-cd)pyrene	17.010	276	579064	46.513	ng		99
88) Benzo(b)fluoranthene	15.074	252	547701	47.213	ng		99
89) Benzo(k)fluoranthene	15.104	252	543843	45.222	ng		99
90) Benzo(a)pyrene	15.445	252	526069	55.257	ng		98
91) Dibenzo(a,h)anthracene	17.015	278	501493	48.791	ng		97
92) Benzo(g,h,i)perylene	17.462	276	496810	46.763	ng		99

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

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