Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031522\
Data File : BF127322.D
Acq On : 15 Mar 2022 13:08
Operator : CG\JU
Sample : PB143267BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 15 14:22:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 16:51:53 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB143267BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	136821	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	502386	20.000	ng	#	0.00
39) Acenaphthene-d10	9.916	164	282228	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	484107	20.000	ng	#	0.00
76) Chrysene-d12	14.051	240	325994	20.000	ng	#	0.00
86) Perylene-d12	15.533	264	242935	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	965304	113.417	ng		0.02
7) Phenol-d6	6.510	99	1309374	111.833	ng		0.00
23) Nitrobenzene-d5	7.445	82	929635	76.420	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	342087	112.597	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	1496266	74.954	ng		0.00
79) Terphenyl-d14	12.992	244	1582201	83.574	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.799	88	130266	29.518	ng	#	84
3) Pyridine	3.546	79	350153	29.817	ng	#	83
4) n-Nitrosodimethylamine	3.516	42	245564	37.741	ng	#	69
6) Aniline	6.540	93	507131	36.244	ng		97
8) 2-Chlorophenol	6.657	128	385484	43.781	ng		93
9) Benzaldehyde	6.428	77	256942	42.574	ng		96
10) Phenol	6.528	94	515662	40.093	ng	#	68
11) bis(2-Chloroethyl)ether	6.610	93	412837	43.223	ng		91
12) 1,3-Dichlorobenzene	6.810	146	391752	39.637	ng		99
13) 1,4-Dichlorobenzene	6.887	146	398991	40.241	ng		99
14) 1,2-Dichlorobenzene	7.039	146	382948	41.037	ng		97
15) Benzyl Alcohol	7.016	79	376291	42.878	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.139	45	726317	40.522	ng		96
17) 2-Methylphenol	7.128	107	323435	43.210	ng	#	89
18) Hexachloroethane	7.375	117	157623	41.384	ng	#	87
19) n-Nitroso-di-n-propyla...	7.292	70	303488	41.537	ng		91
20) 3+4-Methylphenols	7.281	107	363283	37.424	ng		93
22) Acetophenone	7.287	105	512527	37.261	ng	#	84
24) Nitrobenzene	7.463	77	469636	40.817	ng		98
25) Isophorone	7.698	82	882802	45.131	ng	#	98
26) 2-Nitrophenol	7.775	139	200785	42.139	ng	#	83
27) 2,4-Dimethylphenol	7.810	122	351408	49.129	ng		94
28) bis(2-Chloroethoxy)met...	7.904	93	509250	41.088	ng		99
29) 2,4-Dichlorophenol	8.016	162	332903	40.640	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	373570	40.002	ng		98
31) Naphthalene	8.175	128	1076492	40.169	ng		99
32) Benzoic acid	7.963	122	200888	41.454	ng		90
33) 4-Chloroaniline	8.228	127	240433	23.146	ng		93
34) Hexachlorobutadiene	8.286	225	242515	38.943	ng		97
35) Caprolactam	8.616	113	92762m	37.907	ng		
36) 4-Chloro-3-methylphenol	8.716	107	357506	40.267	ng		99
37) 2-Methylnaphthalene	8.869	142	701211	40.044	ng		97
38) 1-Methylnaphthalene	8.969	142	666193	39.573	ng		100
40) 1,2,4,5-Tetrachloroben...	9.033	216	362577	40.582	ng	#	94
41) Hexachlorocyclopentadiene	9.016	237	369595	97.716	ng		96
43) 2,4,6-Trichlorophenol	9.151	196	227046	40.264	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	241789m	40.401	ng		
46) 1,1'-Biphenyl	9.333	154	853736	40.080	ng		99
47) 2-Chloronaphthalene	9.363	162	666646	40.205	ng		98
48) 2-Nitroaniline	9.463	65	255363	40.027	ng		91
49) Acenaphthylene	9.780	152	1052563	41.480	ng		98
50) Dimethylphthalate	9.639	163	793404	39.232	ng	#	99
51) 2,6-Dinitrotoluene	9.704	165	173552	42.424	ng	#	88
52) Acenaphthene	9.951	154	588166	38.885	ng		95
53) 3-Nitroaniline	9.875	138	125624	28.180	ng		96
54) 2,4-Dinitrophenol	9.992	184	172749	76.789	ng	#	85
55) Dibenzofuran	10.122	168	876855	37.315	ng		99
56) 4-Nitrophenol	10.051	139	218892	80.784	ng	#	74
57) 2,4-Dinitrotoluene	10.110	165	215505	40.039	ng	#	91
58) Fluorene	10.463	166	689074	37.817	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	199081	40.029	ng	#	78
60) Diethylphthalate	10.339	149	707417	38.349	ng		96
61) 4-Chlorophenyl-phenyle...	10.451	204	370339	37.504	ng		91
62) 4-Nitroaniline	10.504	138	168885	38.017	ng		88
63) Azobenzene	10.616	77	806019	38.011	ng		90
65) 4,6-Dinitro-2-methylph...	10.522	198	119162	39.922	ng		86
66) n-Nitrosodiphenylamine	10.580	169	597075	39.712	ng		100
67) 4-Bromophenyl-phenylether	10.945	248	232345	39.815	ng		93
68) Hexachlorobenzene	11.010	284	258187	40.596	ng		90
69) Atrazine	11.104	200	226063	43.573	ng		94
70) Pentachlorophenol	11.210	266	233493	90.930	ng		98
71) Phenanthrene	11.433	178	991036	38.780	ng		100
72) Anthracene	11.486	178	1016437	40.162	ng		99
73) Carbazole	11.639	167	900478	37.783	ng		99
74) Di-n-butylphthalate	11.957	149	1081651	38.802	ng		100
75) Fluoranthene	12.621	202	1089094	38.115	ng		93
77) Benzidine	12.745	184	359136	43.322	ng		98
78) Pyrene	12.851	202	1107820	43.629	ng		99
80) Butylbenzylphthalate	13.463	149	414687	42.435	ng	#	89
81) Benzo(a)anthracene	14.039	228	894528	40.753	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	225629	33.060	ng	#	95
83) Chrysene	14.080	228	826005	40.459	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	539259	40.994	ng	#	99
85) Di-n-octyl phthalate	14.627	149	809652	40.665	ng		97
87) Indeno(1,2,3-cd)pyrene	17.045	276	672046	45.921	ng	#	85
88) Benzo(b)fluoranthene	15.098	252	688742	43.192	ng	#	92
89) Benzo(k)fluoranthene	15.127	252	692344	46.176	ng	#	93
90) Benzo(a)pyrene	15.474	252	649402	51.716	ng	#	93
91) Dibenzo(a,h)anthracene	17.056	278	589460	48.394	ng	#	90
92) Benzo(g,h,i)perylene	17.504	276	594593	50.045	ng	#	85

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

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