Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122021\
Data File : BF126271.D
Acq On : 20 Dec 2021 11:21
Operator : JU/CG
Sample : PB141443BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 20 14:09:29 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB141443BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	187539	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	800630	20.000	ng	#	0.00
39) Acenaphthene-d10	9.857	164	358398	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	535849	20.000	ng	#	0.00
76) Chrysene-d12	13.974	240	290213	20.000	ng	#	0.00
86) Perylene-d12	15.421	264	318920	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.439	112	1375174	107.986	ng		0.02
7) Phenol-d6	6.451	99	1728370	106.888	ng		0.00
23) Nitrobenzene-d5	7.380	82	1135306	76.799	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	320082	111.130	ng		0.00
45) 2-Fluorobiphenyl	9.180	172	1495270	73.174	ng		0.00
79) Terphenyl-d14	12.927	244	1183352	70.872	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.610	88	203259	32.698	ng	#	100
3) Pyridine	3.340	79	486331	29.460	ng	#	78
4) n-Nitrosodimethylamine	3.287	42	273608	43.124	ng	#	5
6) Aniline	6.481	93	815049	39.682	ng		96
8) 2-Chlorophenol	6.604	128	587349	45.481	ng		90
9) Benzaldehyde	6.363	77	334910	34.323	ng		94
10) Phenol	6.463	94	760158	41.880	ng		91
11) bis(2-Chloroethyl)ether	6.557	93	625333	44.384	ng		99
12) 1,3-Dichlorobenzene	6.757	146	555315	42.628	ng		97
13) 1,4-Dichlorobenzene	6.833	146	561307	42.668	ng		93
14) 1,2-Dichlorobenzene	6.986	146	543827	44.710	ng		95
15) Benzyl Alcohol	6.963	79	496656	42.074	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.098	45	1010770	43.839	ng		94
17) 2-Methylphenol	7.069	107	486131	42.970	ng		97
18) Hexachloroethane	7.333	117	228154	44.091	ng		96
19) n-Nitroso-di-n-propyla...	7.233	70	404861	40.785	ng	#	72
20) 3+4-Methylphenols	7.222	107	534723	39.981	ng	#	86
22) Acetophenone	7.228	105	736152	39.952	ng		94
24) Nitrobenzene	7.398	77	639392	43.327	ng		90
25) Isophorone	7.639	82	1162017	41.625	ng	#	87
26) 2-Nitrophenol	7.716	139	294816	44.316	ng	#	82
27) 2,4-Dimethylphenol	7.757	122	508833	45.038	ng		97
28) bis(2-Chloroethoxy)met...	7.851	93	759875	41.401	ng	#	97
29) 2,4-Dichlorophenol	7.957	162	418946	41.717	ng		93
30) 1,2,4-Trichlorobenzene	8.039	180	432202	41.607	ng		98
31) Naphthalene	8.122	128	1582567	42.267	ng		98
32) Benzoic acid	7.875	122	333485	34.263	ng		91
33) 4-Chloroaniline	8.169	127	478019	30.577	ng		97
34) Hexachlorobutadiene	8.245	225	211241	41.406	ng		99
35) Caprolactam	8.539	113	157502m	63.107	ng		
36) 4-Chloro-3-methylphenol	8.651	107	493490	41.658	ng		89
37) 2-Methylnaphthalene	8.816	142	988515	42.870	ng		99
38) 1-Methylnaphthalene	8.916	142	918734	41.057	ng		96
40) 1,2,4,5-Tetrachloroben...	8.980	216	313785	40.566	ng	#	95
41) Hexachlorocyclopentadiene	8.974	237	396611	89.538	ng		92
43) 2,4,6-Trichlorophenol	9.092	196	252962	41.572	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.127	196	257131	40.806	ng	#	92
46) 1,1'-Biphenyl	9.280	154	1095280	41.331	ng		97
47) 2-Chloronaphthalene	9.304	162	842966	42.279	ng		98
48) 2-Nitroaniline	9.398	65	315041	43.290	ng		93
49) Acenaphthylene	9.722	152	1308358	42.944	ng		98
50) Dimethylphthalate	9.580	163	950098	41.849	ng		97
51) 2,6-Dinitrotoluene	9.639	165	213184	43.384	ng	#	83
52) Acenaphthene	9.892	154	892283	45.161	ng		99
53) 3-Nitroaniline	9.804	138	191464	30.655	ng	#	73
54) 2,4-Dinitrophenol	9.910	184	177640	87.797	ng	#	80
55) Dibenzofuran	10.063	168	1110399	41.279	ng		98
56) 4-Nitrophenol	9.969	139	362788	80.415	ng	#	81
57) 2,4-Dinitrotoluene	10.039	165	279501	44.590	ng	#	88
58) Fluorene	10.404	166	766604	39.365	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	192566	41.216	ng	#	98
60) Diethylphthalate	10.280	149	935396	40.999	ng		98
61) 4-Chlorophenyl-phenyle...	10.398	204	342461	39.057	ng		93
62) 4-Nitroaniline	10.421	138	219607	41.915	ng	#	72
63) Azobenzene	10.557	77	1132443	40.980	ng		84
65) 4,6-Dinitro-2-methylph...	10.451	198	116579	39.842	ng		88
66) n-Nitrosodiphenylamine	10.516	169	732398	42.588	ng		97
67) 4-Bromophenyl-phenylether	10.886	248	215703	42.891	ng		89
68) Hexachlorobenzene	10.951	284	252017	43.572	ng		91
69) Atrazine	11.045	200	218553	69.348	ng		95
70) Pentachlorophenol	11.145	266	246983	76.970	ng		92
71) Phenanthrene	11.363	178	1167597	42.217	ng		98
72) Anthracene	11.416	178	1205383	43.422	ng		99
73) Carbazole	11.568	167	1052223	40.250	ng		99
74) Di-n-butylphthalate	11.904	149	1369585	41.327	ng		99
75) Fluoranthene	12.551	202	1036825	41.609	ng		91
77) Benzidine	12.668	184	443892	97.018	ng		98
78) Pyrene	12.780	202	1061616	39.817	ng		96
80) Butylbenzylphthalate	13.398	149	508371	40.518	ng	#	78
81) Benzo(a)anthracene	13.962	228	691556	40.229	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	239735	30.525	ng	#	96
83) Chrysene	14.004	228	758030	42.440	ng		98
84) Bis(2-ethylhexyl)phtha...	13.962	149	583841	41.642	ng		99
85) Di-n-octyl phthalate	14.574	149	1191938	47.689	ng		98
87) Indeno(1,2,3-cd)pyrene	16.856	276	1011073	47.530	ng		93
88) Benzo(b)fluoranthene	15.004	252	839549	43.812	ng		96
89) Benzo(k)fluoranthene	15.033	252	823424	44.919	ng	#	94
90) Benzo(a)pyrene	15.362	252	835907	52.486	ng	#	96
91) Dibenzo(a,h)anthracene	16.874	278	841750	48.677	ng	#	95
92) Benzo(g,h,i)perylene	17.286	276	882078	49.301	ng	#	92

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

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