Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
Data File : BF129741.D
Acq On : 12 Aug 2022 13:27
Operator : CG\JU
Sample : PB146781BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 12 15:54:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 12 15:52:45 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB146781BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2022
Supervised By :Sohil Jodhani 08/16/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	150506	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	611527	20.000	ng		0.00
39) Acenaphthene-d10	9.869	164	319511	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	536131	20.000	ng		0.00
76) Chrysene-d12	14.010	240	339749	20.000	ng		0.00
86) Perylene-d12	15.480	264	279321	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	830099	89.846	ng		0.01
7) Phenol-d6	6.487	99	990215	85.267	ng		0.00
23) Nitrobenzene-d5	7.398	82	970880	86.667	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	282515	91.969	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	1794898	86.902	ng		0.00
79) Terphenyl-d14	12.945	244	1874943	104.113	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	141789	34.014	ng		88
3) Pyridine	3.446	79	369840	31.948	ng		89
4) n-Nitrosodimethylamine	3.399	42	212277	41.759	ng	#	93
6) Aniline	6.498	93	477298	33.061	ng	#	39
8) 2-Chlorophenol	6.628	128	471667	46.728	ng		96
9) Benzaldehyde	6.387	77	190067	24.100	ng		100
10) Phenol	6.504	94	557361m	45.069	ng		
11) bis(2-Chloroethyl)ether	6.569	93	441642	45.030	ng		90
12) 1,3-Dichlorobenzene	6.769	146	489454	45.212	ng		99
13) 1,4-Dichlorobenzene	6.845	146	494211	44.888	ng		99
14) 1,2-Dichlorobenzene	6.998	146	474864	46.923	ng		98
15) Benzyl Alcohol	6.987	79	394233	46.807	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.098	45	567071	38.465	ng	#	14
17) 2-Methylphenol	7.104	107	371550	44.370	ng	#	89
18) Hexachloroethane	7.334	117	189417	45.690	ng	#	88
19) n-Nitroso-di-n-propyla...	7.245	70	327551	46.590	ng		95
20) 3+4-Methylphenols	7.257	107	484087	45.466	ng	#	80
22) Acetophenone	7.245	105	651659	45.770	ng	#	97
24) Nitrobenzene	7.422	77	483629	41.924	ng		93
25) Isophorone	7.657	82	893238	44.483	ng		98
26) 2-Nitrophenol	7.734	139	251901	44.263	ng		95
27) 2,4-Dimethylphenol	7.781	122	431627m	50.563	ng		
28) bis(2-Chloroethoxy)met...	7.863	93	552720	47.449	ng		99
29) 2,4-Dichlorophenol	7.986	162	382476	43.409	ng		98
30) 1,2,4-Trichlorobenzene	8.051	180	401755	44.052	ng		96
31) Naphthalene	8.133	128	1336669	43.022	ng		99
32) Benzoic acid	7.922	122	150719	24.423	ng		99
33) 4-Chloroaniline	8.192	127	425090	33.326	ng		95
34) Hexachlorobutadiene	8.245	225	242284	46.736	ng		98
35) Caprolactam	8.575	113	121937m	42.568	ng		
36) 4-Chloro-3-methylphenol	8.692	107	420273	44.973	ng		94
37) 2-Methylnaphthalene	8.828	142	883482	43.757	ng		99
38) 1-Methylnaphthalene	8.928	142	837127	42.950	ng		99
40) 1,2,4,5-Tetrachloroben...	8.992	216	387841	46.228	ng		98
41) Hexachlorocyclopentadiene	8.975	237	315413	84.429	ng		99
43) 2,4,6-Trichlorophenol	9.116	196	248435	40.770	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	259117	39.103	ng	#	91
46) 1,1'-Biphenyl	9.292	154	1063536	45.610	ng		99
47) 2-Chloronaphthalene	9.322	162	836693	44.386	ng		97
48) 2-Nitroaniline	9.428	65	261039	41.645	ng	#	81
49) Acenaphthylene	9.733	152	1313013	45.841	ng		100
50) Dimethylphthalate	9.592	163	982197	44.530	ng		99
51) 2,6-Dinitrotoluene	9.663	165	217493	44.056	ng		91
52) Acenaphthene	9.904	154	880287m	47.054	ng		
53) 3-Nitroaniline	9.839	138	169796	29.127	ng	#	91
54) 2,4-Dinitrophenol	9.951	184	192684	76.456	ng		95
55) Dibenzofuran	10.080	168	1133622	43.957	ng		97
56) 4-Nitrophenol	10.028	139	230859	53.679	ng		93
57) 2,4-Dinitrotoluene	10.075	165	278665	43.210	ng		93
58) Fluorene	10.422	166	920549	44.612	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	197105	38.490	ng		97
60) Diethylphthalate	10.292	149	972129	45.593	ng		100
61) 4-Chlorophenyl-phenyle...	10.410	204	426875	46.925	ng		89
62) 4-Nitroaniline	10.457	138	225079m	38.921	ng		
63) Azobenzene	10.575	77	921596	42.377	ng		94
65) 4,6-Dinitro-2-methylph...	10.486	198	141663	41.864	ng		93
66) n-Nitrosodiphenylamine	10.533	169	799071	44.755	ng		97
67) 4-Bromophenyl-phenylether	10.898	248	274920	46.828	ng	#	92
68) Hexachlorobenzene	10.969	284	298985	47.002	ng		95
69) Atrazine	11.063	200	265783	49.009	ng		96
70) Pentachlorophenol	11.174	266	179431	51.887	ng		98
71) Phenanthrene	11.386	178	1285205	43.915	ng		99
72) Anthracene	11.439	178	1309720	45.540	ng		99
73) Carbazole	11.598	167	1202986	44.435	ng		99
74) Di-n-butylphthalate	11.916	149	1515393	47.002	ng		100
75) Fluoranthene	12.580	202	1287464	43.418	ng		99
77) Benzidine	12.698	184	417146	34.755	ng		99
78) Pyrene	12.810	202	1307909	46.036	ng		98
80) Butylbenzylphthalate	13.416	149	560029	45.445	ng		97
81) Benzo(a)anthracene	13.998	228	1009771	43.509	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	212527	27.736	ng	#	96
83) Chrysene	14.039	228	924775	42.280	ng		99
84) Bis(2-ethylhexyl)phtha...	13.968	149	751095	46.296	ng		99
85) Di-n-octyl phthalate	14.580	149	1127873	48.310	ng		96
87) Indeno(1,2,3-cd)pyrene	16.968	276	923499	49.097	ng		98
88) Benzo(b)fluoranthene	15.051	252	833662	44.994	ng		99
89) Benzo(k)fluoranthene	15.080	252	829381	45.678	ng		99
90) Benzo(a)pyrene	15.421	252	789850	52.514	ng		99
91) Dibenzo(a,h)anthracene	16.980	278	806886	52.705	ng		99
92) Benzo(g,h,i)perylene	17.421	276	821740	52.528	ng		99

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

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