Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
Data File : BF129742.D
Acq On : 12 Aug 2022 13:59
Operator : CG\JU
Sample : PB146781BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 12 15:54:43 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 :
PB146781BSD

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	148789	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	607969	20.000	ng	#	0.00
39) Acenaphthene-d10	9.869	164	318036	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	530478	20.000	ng		0.00
76) Chrysene-d12	14.010	240	325026	20.000	ng		0.00
86) Perylene-d12	15.480	264	275804	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	836990	91.637	ng		0.01
7) Phenol-d6	6.487	99	999516	87.061	ng		0.00
23) Nitrobenzene-d5	7.404	82	973804	87.436	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	271320	88.734	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	1779343	86.548	ng		0.00
79) Terphenyl-d14	12.945	244	1808853	104.993	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	141902	34.434	ng		89
3) Pyridine	3.446	79	355814	31.091	ng		89
4) n-Nitrosodimethylamine	3.399	42	208610	41.511	ng		90
6) Aniline	6.498	93	463318	32.463	ng	#	35
8) 2-Chlorophenol	6.628	128	475176	47.618	ng		96
9) Benzaldehyde	6.387	77	193011	24.756	ng		99
10) Phenol	6.504	94	553143m	45.244	ng		
11) bis(2-Chloroethyl)ether	6.563	93	438579	45.234	ng		95
12) 1,3-Dichlorobenzene	6.769	146	490705	45.850	ng		99
13) 1,4-Dichlorobenzene	6.846	146	496311	45.599	ng		98
14) 1,2-Dichlorobenzene	6.998	146	475189	47.497	ng		99
15) Benzyl Alcohol	6.987	79	397433	47.732	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	576090	39.527	ng	#	20
17) 2-Methylphenol	7.104	107	370041	44.700	ng	#	89
18) Hexachloroethane	7.340	117	189285	46.185	ng		95
19) n-Nitroso-di-n-propyla...	7.245	70	332366	47.821	ng		93
20) 3+4-Methylphenols	7.257	107	486551	46.225	ng	#	79
22) Acetophenone	7.245	105	657237	46.432	ng		97
24) Nitrobenzene	7.422	77	485598	42.341	ng		93
25) Isophorone	7.657	82	890885	44.625	ng		98
26) 2-Nitrophenol	7.734	139	253234	44.758	ng		96
27) 2,4-Dimethylphenol	7.781	122	433151m	51.038	ng		
28) bis(2-Chloroethoxy)met...	7.863	93	550909	47.570	ng		99
29) 2,4-Dichlorophenol	7.987	162	387167	44.199	ng		99
30) 1,2,4-Trichlorobenzene	8.057	180	402046	44.342	ng		99
31) Naphthalene	8.134	128	1353960	43.834	ng		100
32) Benzoic acid	7.928	122	159852	26.054	ng		98
33) 4-Chloroaniline	8.192	127	375091	29.578	ng		96
34) Hexachlorobutadiene	8.245	225	242290	47.011	ng		98
35) Caprolactam	8.575	113	119947m	42.118	ng		
36) 4-Chloro-3-methylphenol	8.692	107	416879	44.871	ng		95
37) 2-Methylnaphthalene	8.828	142	884286	44.053	ng		100
38) 1-Methylnaphthalene	8.928	142	838006	43.246	ng		99
40) 1,2,4,5-Tetrachloroben...	8.992	216	388406	46.510	ng		98
41) Hexachlorocyclopentadiene	8.975	237	320258	86.123	ng		98
43) 2,4,6-Trichlorophenol	9.116	196	245148	40.418	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	260278	39.460	ng	#	93
46) 1,1'-Biphenyl	9.292	154	1064439	45.861	ng		99
47) 2-Chloronaphthalene	9.322	162	828741	44.168	ng		98
48) 2-Nitroaniline	9.422	65	259973	41.668	ng		95
49) Acenaphthylene	9.734	152	1311845	46.013	ng		99
50) Dimethylphthalate	9.592	163	978120	44.551	ng		99
51) 2,6-Dinitrotoluene	9.663	165	218518	44.469	ng		92
52) Acenaphthene	9.904	154	870407m	46.742	ng		
53) 3-Nitroaniline	9.839	138	160688	27.692	ng	#	92
54) 2,4-Dinitrophenol	9.951	184	190560	75.963	ng		94
55) Dibenzofuran	10.081	168	1126795	43.895	ng		96
56) 4-Nitrophenol	10.028	139	218577	51.059	ng		94
57) 2,4-Dinitrotoluene	10.075	165	277554	43.237	ng		93
58) Fluorene	10.422	166	916836	44.638	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	195672	38.387	ng		96
60) Diethylphthalate	10.292	149	963759	45.410	ng		100
61) 4-Chlorophenyl-phenyle...	10.410	204	424194	46.847	ng		90
62) 4-Nitroaniline	10.457	138	220562m	38.317	ng		
63) Azobenzene	10.569	77	913846	42.215	ng		94
65) 4,6-Dinitro-2-methylph...	10.486	198	133872	39.983	ng		93
66) n-Nitrosodiphenylamine	10.534	169	790026	44.720	ng		96
67) 4-Bromophenyl-phenylether	10.898	248	275051	47.350	ng	#	91
68) Hexachlorobenzene	10.975	284	297148	47.211	ng	#	90
69) Atrazine	11.063	200	258975	48.262	ng		97
70) Pentachlorophenol	11.175	266	163763	47.860	ng		98
71) Phenanthrene	11.386	178	1262719	43.606	ng		99
72) Anthracene	11.439	178	1292941	45.435	ng		99
73) Carbazole	11.598	167	1165973	43.527	ng		99
74) Di-n-butylphthalate	11.916	149	1485058	46.552	ng		99
75) Fluoranthene	12.580	202	1253826	42.734	ng		99
77) Benzidine	12.698	184	396842	34.561	ng		99
78) Pyrene	12.810	202	1263972	46.504	ng		98
80) Butylbenzylphthalate	13.416	149	536957	45.547	ng		97
81) Benzo(a)anthracene	13.998	228	964819	43.456	ng		99
82) 3,3'-Dichlorobenzidine	13.963	252	210308	28.689	ng		99
83) Chrysene	14.039	228	860318	41.114	ng		99
84) Bis(2-ethylhexyl)phtha...	13.969	149	728799	46.957	ng		100
85) Di-n-octyl phthalate	14.580	149	1082425	48.464	ng		96
87) Indeno(1,2,3-cd)pyrene	16.974	276	936455	50.420	ng		98
88) Benzo(b)fluoranthene	15.051	252	874918	47.823	ng		99
89) Benzo(k)fluoranthene	15.080	252	750241	41.846	ng		99
90) Benzo(a)pyrene	15.421	252	775011	52.185	ng		98
91) Dibenzo(a,h)anthracene	16.980	278	818049	54.116	ng		100
92) Benzo(g,h,i)perylene	17.421	276	830591	53.771	ng		99

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

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