Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129467.D
Acq On : 01 Aug 2022 11:42
Operator : CG\JU
Sample : PB146583BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 02 01:14:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 01:11:25 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB146583BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

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08/02/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	201181	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	807168	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	424226	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	715138	20.000	ng		0.00
76) Chrysene-d12	14.051	240	480774	20.000	ng		0.00
86) Perylene-d12	15.527	264	352058	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1098939	88.983	ng		0.01
7) Phenol-d6	6.522	99	1345137	86.653	ng		0.00
23) Nitrobenzene-d5	7.445	82	1277788	86.417	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	367995	90.225	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	2233260	81.436	ng		0.00
79) Terphenyl-d14	12.992	244	2359212	92.577	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.769	88	196235	35.217	ng		90
3) Pyridine	3.534	79	520612	33.644	ng		93
4) n-Nitrosodimethylamine	3.493	42	301559	44.380	ng	#	94
6) Aniline	6.545	93	670643	34.752	ng		100
8) 2-Chlorophenol	6.669	128	633352	46.941	ng		95
9) Benzaldehyde	6.428	77	272202	25.821	ng		97
10) Phenol	6.534	94	739742m	44.749	ng		
11) bis(2-Chloroethyl)ether	6.610	93	593540	45.274	ng		95
12) 1,3-Dichlorobenzene	6.816	146	649251	44.866	ng		98
13) 1,4-Dichlorobenzene	6.892	146	651815	44.290	ng		99
14) 1,2-Dichlorobenzene	7.045	146	627306	46.373	ng		99
15) Benzyl Alcohol	7.022	79	531578	47.217	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	812757	41.243	ng	#	43
17) 2-Methylphenol	7.140	107	485001	43.329	ng	#	93
18) Hexachloroethane	7.387	117	254291	45.888	ng		91
19) n-Nitroso-di-n-propyla...	7.292	70	418407	44.523	ng		92
20) 3+4-Methylphenols	7.292	107	593593	41.708	ng		91
22) Acetophenone	7.287	105	827283	44.022	ng		95
24) Nitrobenzene	7.463	77	644571	42.332	ng		97
25) Isophorone	7.698	82	1188610	44.845	ng		99
26) 2-Nitrophenol	7.775	139	332771	44.301	ng		97
27) 2,4-Dimethylphenol	7.816	122	567847m	50.397	ng		
28) bis(2-Chloroethoxy)met...	7.904	93	733812	47.726	ng		99
29) 2,4-Dichlorophenol	8.022	162	508533	43.727	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	528328	43.890	ng		98
31) Naphthalene	8.181	128	1739243	42.411	ng		99
32) Benzoic acid	7.951	122	242077	29.719	ng		96
33) 4-Chloroaniline	8.234	127	447061	26.553	ng		97
34) Hexachlorobutadiene	8.292	225	307560	44.948	ng		99
35) Caprolactam	8.616	113	167041m	44.179	ng		
36) 4-Chloro-3-methylphenol	8.722	107	553750	44.894	ng		98
37) 2-Methylnaphthalene	8.875	142	1144320	42.939	ng		100
38) 1-Methylnaphthalene	8.975	142	1099464	42.737	ng		97
40) 1,2,4,5-Tetrachloroben...	9.039	216	493490	44.302	ng		98
41) Hexachlorocyclopentadiene	9.022	237	536010	108.062	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	345176	42.664	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	365688	41.563	ng		96
46) 1,1'-Biphenyl	9.339	154	1368122	44.190	ng		99
47) 2-Chloronaphthalene	9.363	162	1072362	42.846	ng		100
48) 2-Nitroaniline	9.463	65	354395	42.583	ng		97
49) Acenaphthylene	9.781	152	1701356	44.737	ng		100
50) Dimethylphthalate	9.639	163	1266902	43.260	ng		100
51) 2,6-Dinitrotoluene	9.704	165	291869	44.528	ng		95
52) Acenaphthene	9.951	154	1138951m	45.853	ng		
53) 3-Nitroaniline	9.881	138	218976	28.291	ng	#	90
54) 2,4-Dinitrophenol	9.986	184	268863	80.349	ng		95
55) Dibenzofuran	10.128	168	1467023	42.844	ng		98
56) 4-Nitrophenol	10.057	139	416039	72.859	ng		91
57) 2,4-Dinitrotoluene	10.110	165	377583	44.096	ng		98
58) Fluorene	10.469	166	1158515	42.286	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	278848	41.012	ng		93
60) Diethylphthalate	10.339	149	1240504	43.818	ng		100
61) 4-Chlorophenyl-phenyle...	10.457	204	539836	44.695	ng		91
62) 4-Nitroaniline	10.498	138	300325	39.114	ng		98
63) Azobenzene	10.616	77	1212064	41.976	ng		94
65) 4,6-Dinitro-2-methylph...	10.522	198	184996	40.985	ng		95
66) n-Nitrosodiphenylamine	10.580	169	1036926	43.539	ng		97
67) 4-Bromophenyl-phenylether	10.945	248	350137	44.712	ng		93
68) Hexachlorobenzene	11.016	284	379149	44.684	ng		99
69) Atrazine	11.110	200	338918	46.851	ng		97
70) Pentachlorophenol	11.216	266	342646	74.282	ng		99
71) Phenanthrene	11.433	178	1645872	42.161	ng		100
72) Anthracene	11.486	178	1661474	43.310	ng		99
73) Carbazole	11.645	167	1544359	42.765	ng		99
74) Di-n-butylphthalate	11.957	149	1901283	44.210	ng		99
75) Fluoranthene	12.622	202	1681163	42.503	ng		98
77) Benzidine	12.745	184	638878	37.615	ng		98
78) Pyrene	12.851	202	1716963	42.707	ng		99
80) Butylbenzylphthalate	13.457	149	774448	44.411	ng		99
81) Benzo(a)anthracene	14.039	228	1413695	43.046	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	285937	26.370	ng	#	96
83) Chrysene	14.080	228	1289645	41.666	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	1045403	45.536	ng		99
85) Di-n-octyl phthalate	14.627	149	1546120	46.799	ng		97
87) Indeno(1,2,3-cd)pyrene	17.033	276	995518	41.991	ng		100
88) Benzo(b)fluoranthene	15.098	252	1138911	48.769	ng		100
89) Benzo(k)fluoranthene	15.127	252	1064972	46.535	ng		99
90) Benzo(a)pyrene	15.468	252	1001718	52.840	ng		99
91) Dibenzo(a,h)anthracene	17.051	278	851671	44.137	ng		99
92) Benzo(g,h,i)perylene	17.492	276	894184	45.350	ng		99

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

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