Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
Data File : BF129600.D
Acq On : 05 Aug 2022 14:19
Operator : CG\JU
Sample : PB146580BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 05 16:33:20 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 05 16:27:34 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB146580BS

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	215792	20.000	ng		0.00
21) Naphthalene-d8	8.134	136	873328	20.000	ng		0.00
39) Acenaphthene-d10	9.892	164	461356	20.000	ng		0.00
64) Phenanthrene-d10	11.386	188	769003	20.000	ng		0.00
76) Chrysene-d12	14.033	240	521437	20.000	ng		0.00
86) Perylene-d12	15.504	264	389592	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	1456219	109.929	ng		0.02
7) Phenol-d6	6.504	99	1837957	110.384	ng		0.00
23) Nitrobenzene-d5	7.422	82	1188437	74.285	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	528663	119.187	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	2141750	71.814	ng		0.00
79) Terphenyl-d14	12.968	244	2335007	84.482	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	154075	25.779	ng		89
3) Pyridine	3.481	79	422266	25.441	ng		90
4) n-Nitrosodimethylamine	3.416	42	265935	36.487	ng	#	87
6) Aniline	6.522	93	661738	31.969	ng	#	36
8) 2-Chlorophenol	6.645	128	604598	41.776	ng		96
9) Benzaldehyde	6.404	77	320882	28.378	ng		97
10) Phenol	6.516	94	698434m	39.390	ng		
11) bis(2-Chloroethyl)ether	6.587	93	567039	40.324	ng		95
12) 1,3-Dichlorobenzene	6.792	146	599425	38.618	ng		97
13) 1,4-Dichlorobenzene	6.869	146	604977	38.324	ng		97
14) 1,2-Dichlorobenzene	7.022	146	583320	40.202	ng		99
15) Benzyl Alcohol	7.004	79	515972	42.727	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	751165	35.537	ng		58
17) 2-Methylphenol	7.122	107	480900	40.054	ng	#	89
18) Hexachloroethane	7.357	117	234044	39.375	ng	#	88
19) n-Nitroso-di-n-propyla...	7.269	70	407365	40.413	ng		93
20) 3+4-Methylphenols	7.275	107	590783	38.700	ng		92
22) Acetophenone	7.263	105	811544	39.913	ng		98
24) Nitrobenzene	7.439	77	626325	38.018	ng		98
25) Isophorone	7.681	82	1152876	40.202	ng		98
26) 2-Nitrophenol	7.757	139	330583	40.676	ng	#	89
27) 2,4-Dimethylphenol	7.798	122	539406m	44.246	ng		
28) bis(2-Chloroethoxy)met...	7.881	93	716054	43.043	ng		99
29) 2,4-Dichlorophenol	8.004	162	496394	39.450	ng		97
30) 1,2,4-Trichlorobenzene	8.075	180	492305	37.799	ng		97
31) Naphthalene	8.157	128	1683103	37.933	ng		100
32) Benzoic acid	7.939	122	271146	30.765	ng		99
33) 4-Chloroaniline	8.210	127	588673	32.315	ng		98
34) Hexachlorobutadiene	8.269	225	293627	39.661	ng		97
35) Caprolactam	8.598	113	166697m	40.749	ng		
36) 4-Chloro-3-methylphenol	8.704	107	557451	41.770	ng		98
37) 2-Methylnaphthalene	8.851	142	1121584	38.897	ng		99
38) 1-Methylnaphthalene	8.951	142	1066165	38.303	ng		99
40) 1,2,4,5-Tetrachloroben...	9.016	216	484877	40.025	ng		98
41) Hexachlorocyclopentadiene	8.998	237	455726	84.482	ng		99
43) 2,4,6-Trichlorophenol	9.133	196	333517	37.905	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	357204	37.332	ng	#	93
46) 1,1'-Biphenyl	9.316	154	1339857	39.794	ng		99
47) 2-Chloronaphthalene	9.339	162	1059604	38.929	ng		100
48) 2-Nitroaniline	9.445	65	349499	38.615	ng		88
49) Acenaphthylene	9.757	152	1583746	38.293	ng		100
50) Dimethylphthalate	9.622	163	1271453	39.922	ng		99
51) 2,6-Dinitrotoluene	9.686	165	285074	39.991	ng		97
52) Acenaphthene	9.928	154	1154543m	42.740	ng		
53) 3-Nitroaniline	9.857	138	248844	29.563	ng		95
54) 2,4-Dinitrophenol	9.969	184	291646	80.144	ng		92
55) Dibenzofuran	10.104	168	1435791	38.557	ng		97
56) 4-Nitrophenol	10.039	139	381233	61.390	ng		91
57) 2,4-Dinitrotoluene	10.092	165	369283	39.656	ng		98
58) Fluorene	10.445	166	1169294	39.245	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	271717	36.747	ng		95
60) Diethylphthalate	10.316	149	1224636	39.777	ng		99
61) 4-Chlorophenyl-phenyle...	10.433	204	529708	40.327	ng		91
62) 4-Nitroaniline	10.480	138	307570	36.833	ng		97
63) Azobenzene	10.592	77	1195203	38.061	ng		94
65) 4,6-Dinitro-2-methylph...	10.504	198	191445	39.443	ng		93
66) n-Nitrosodiphenylamine	10.557	169	1029633	40.205	ng		97
67) 4-Bromophenyl-phenylether	10.922	248	350015	41.565	ng		91
68) Hexachlorobenzene	10.992	284	383409	42.021	ng		99
69) Atrazine	11.086	200	342383	44.015	ng		96
70) Pentachlorophenol	11.198	266	331120	66.755	ng		100
71) Phenanthrene	11.410	178	1636258	38.979	ng		100
72) Anthracene	11.463	178	1636129	39.662	ng		100
73) Carbazole	11.622	167	1539370	39.641	ng		100
74) Di-n-butylphthalate	11.939	149	1902866	41.148	ng		99
75) Fluoranthene	12.598	202	1699989	39.969	ng		98
77) Benzidine	12.721	184	709048	38.491	ng		99
78) Pyrene	12.833	202	1706741	39.142	ng		99
80) Butylbenzylphthalate	13.439	149	795167	42.043	ng		95
81) Benzo(a)anthracene	14.021	228	1392709	39.100	ng		99
82) 3,3'-Dichlorobenzidine	13.980	252	411417	34.983	ng		98
83) Chrysene	14.057	228	1278144	38.074	ng		99
84) Bis(2-ethylhexyl)phtha...	13.992	149	1070559	42.995	ng		97
85) Di-n-octyl phthalate	14.604	149	1606384	44.832	ng		96
87) Indeno(1,2,3-cd)pyrene	17.004	276	1062010	40.480	ng		99
88) Benzo(b)fluoranthene	15.074	252	1149654	44.486	ng		99
89) Benzo(k)fluoranthene	15.104	252	1110176	43.837	ng		99
90) Benzo(a)pyrene	15.445	252	958979	45.712	ng		99
91) Dibenzo(a,h)anthracene	17.015	278	930668	43.584	ng		99
92) Benzo(g,h,i)perylene	17.456	276	926126	42.445	ng		99

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

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