Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
Data File : BF129971.D
Acq On : 24 Aug 2022 13:28
Operator : CG\JU
Sample : PB147081BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 24 14:08:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 23 04:41:40 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB147081BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.769	152	135541	20.000	ng		0.00
21) Naphthalene-d8	8.051	136	562245	20.000	ng		0.00
39) Acenaphthene-d10	9.810	164	296949	20.000	ng		0.00
64) Phenanthrene-d10	11.298	188	498224	20.000	ng		0.00
76) Chrysene-d12	13.945	240	285664	20.000	ng		0.00
86) Perylene-d12	15.392	264	236968	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	1040240	127.070	ng		0.00
7) Phenol-d6	6.440	99	1258235	122.736	ng		0.00
23) Nitrobenzene-d5	7.345	82	836851	79.677	ng		0.00
42) 2,4,6-Tribromophenol	10.610	330	372740	125.067	ng		0.00
45) 2-Fluorobiphenyl	9.128	172	1541790	78.858	ng		0.00
79) Terphenyl-d14	12.880	244	1639156	95.478	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.540	88	115870	34.308	ng		98
3) Pyridine	3.328	79	296415	33.537	ng		99
4) n-Nitrosodimethylamine	3.257	42	200505	49.225	ng		88
6) Aniline	6.440	93	492570	42.157	ng	#	72
8) 2-Chlorophenol	6.569	128	409110	44.891	ng		98
9) Benzaldehyde	6.328	77	271839	51.439	ng		95
10) Phenol	6.451	94	496046	44.112	ng	#	75
11) bis(2-Chloroethyl)ether	6.510	93	372493	43.621	ng		96
12) 1,3-Dichlorobenzene	6.710	146	421586	42.851	ng		99
13) 1,4-Dichlorobenzene	6.787	146	424686	42.246	ng		99
14) 1,2-Dichlorobenzene	6.940	146	407837	43.682	ng		99
15) Benzyl Alcohol	6.928	79	353873	45.725	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.045	45	505914	44.214	ng		90
17) 2-Methylphenol	7.045	107	322671	44.096	ng		96
18) Hexachloroethane	7.275	117	168368	44.600	ng		95
19) n-Nitroso-di-n-propyla...	7.192	70	291991	45.061	ng		99
20) 3+4-Methylphenols	7.204	107	422706	43.034	ng		98
22) Acetophenone	7.187	105	594542	43.393	ng	#	96
24) Nitrobenzene	7.363	77	438814	41.433	ng		94
25) Isophorone	7.598	82	784554	43.400	ng		98
26) 2-Nitrophenol	7.681	139	217152	41.685	ng		97
27) 2,4-Dimethylphenol	7.722	122	342071	45.787	ng		94
28) bis(2-Chloroethoxy)met...	7.804	93	466605	44.207	ng		98
29) 2,4-Dichlorophenol	7.928	162	330672	40.478	ng		97
30) 1,2,4-Trichlorobenzene	7.992	180	338809	39.314	ng		98
31) Naphthalene	8.075	128	1148526	39.069	ng		100
32) Benzoic acid	7.887	122	168324	49.604	ng		92
33) 4-Chloroaniline	8.134	127	418190	36.174	ng		96
34) Hexachlorobutadiene	8.181	225	212420	40.479	ng		98
35) Caprolactam	8.522	113	105525m	41.539	ng		
36) 4-Chloro-3-methylphenol	8.634	107	375545	42.612	ng		98
37) 2-Methylnaphthalene	8.769	142	757820	39.276	ng		100
38) 1-Methylnaphthalene	8.863	142	719762	38.384	ng		99
40) 1,2,4,5-Tetrachloroben...	8.934	216	339960	41.162	ng		98
41) Hexachlorocyclopentadiene	8.910	237	239049	85.634	ng		98
43) 2,4,6-Trichlorophenol	9.057	196	208164	38.792	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	220386	38.174	ng		97
46) 1,1'-Biphenyl	9.228	154	927858	41.130	ng		99
47) 2-Chloronaphthalene	9.257	162	716681	40.152	ng		97
48) 2-Nitroaniline	9.369	65	241761	42.860	ng		99
49) Acenaphthylene	9.669	152	1077569	39.811	ng		100
50) Dimethylphthalate	9.533	163	854130	40.124	ng		99
51) 2,6-Dinitrotoluene	9.610	165	189436	41.024	ng		96
52) Acenaphthene	9.845	154	655258	39.902	ng		99
53) 3-Nitroaniline	9.781	138	164465	32.206	ng		89
54) 2,4-Dinitrophenol	9.904	184	165168	79.173	ng		95
55) Dibenzofuran	10.016	168	979126	39.687	ng		95
56) 4-Nitrophenol	9.975	139	169028	74.401	ng		87
57) 2,4-Dinitrotoluene	10.022	165	248981	41.536	ng	#	89
58) Fluorene	10.357	166	812516	39.443	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	170908	40.339	ng	#	78
60) Diethylphthalate	10.233	149	843600	39.744	ng		98
61) 4-Chlorophenyl-phenyle...	10.345	204	378383	40.931	ng		95
62) 4-Nitroaniline	10.404	138	201251m	39.064	ng		
63) Azobenzene	10.510	77	833691	41.092	ng		98
65) 4,6-Dinitro-2-methylph...	10.433	198	119884	40.988	ng		95
66) n-Nitrosodiphenylamine	10.475	169	694794	41.317	ng		99
67) 4-Bromophenyl-phenylether	10.839	248	238003	40.785	ng		92
68) Hexachlorobenzene	10.910	284	265804	42.050	ng	#	89
69) Atrazine	11.004	200	232631	45.072	ng		98
70) Pentachlorophenol	11.116	266	136031	72.324	ng		98
71) Phenanthrene	11.322	178	1130515	40.628	ng		99
72) Anthracene	11.375	178	1162815	42.022	ng		100
73) Carbazole	11.539	167	1046627	41.667	ng		100
74) Di-n-butylphthalate	11.851	149	1303567	40.323	ng		99
75) Fluoranthene	12.516	202	1141878	40.103	ng		99
77) Benzidine	12.639	184	568287	88.002	ng		99
78) Pyrene	12.745	202	1161253	46.779	ng		100
80) Butylbenzylphthalate	13.351	149	431699	41.098	ng		100
81) Benzo(a)anthracene	13.933	228	791879	40.297	ng		100
82) 3,3'-Dichlorobenzidine	13.892	252	217517	35.740	ng		99
83) Chrysene	13.968	228	730293	39.701	ng		99
84) Bis(2-ethylhexyl)phtha...	13.898	149	508210	40.780	ng	#	96
85) Di-n-octyl phthalate	14.510	149	710923	41.325	ng		100
87) Indeno(1,2,3-cd)pyrene	16.851	276	831641	51.121	ng		98
88) Benzo(b)fluoranthene	14.974	252	650029	40.060	ng		99
89) Benzo(k)fluoranthene	15.004	252	627744	40.340	ng		98
90) Benzo(a)pyrene	15.333	252	578632	45.283	ng		99
91) Dibenzo(a,h)anthracene	16.851	278	719854	53.628	ng		99
92) Benzo(g,h,i)perylene	17.286	276	734715	54.864	ng		98

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

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