Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
Data File : BF129904.D
Acq On : 19 Aug 2022 10:46
Operator : CG\JU
Sample : PB146894BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 20 01:08:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 18 12:03:10 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB146894BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	141701	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	563649	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	293196	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	490503	20.000	ng	0.00
76) Chrysene-d12	13.974	240	311631	20.000	ng	0.00
86) Perylene-d12	15.439	264	258872	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1049001	122.570	ng	0.01
7) Phenol-d6	6.457	99	1269399	118.442	ng	0.00
23) Nitrobenzene-d5	7.363	82	818247	77.712	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	345330	117.353	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1475455	76.431	ng	0.00
79) Terphenyl-d14	12.910	244	1602045	85.540	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.569	88	124712	35.321	ng	99
3) Pyridine	3.346	79	333839	36.129	ng	99
4) n-Nitrosodimethylamine	3.287	42	190607	44.761	ng	97
6) Aniline	6.463	93	493146	40.372	ng	98
8) 2-Chlorophenol	6.593	128	411613	43.203	ng	99
9) Benzaldehyde	6.351	77	278786	50.307	ng	100
10) Phenol	6.463	94	493477	41.976	ng	96
11) bis(2-Chloroethyl)ether	6.534	93	381732	42.760	ng	99
12) 1,3-Dichlorobenzene	6.734	146	436354	42.424	ng	99
13) 1,4-Dichlorobenzene	6.810	146	444540	42.298	ng	98
14) 1,2-Dichlorobenzene	6.963	146	421492	43.182	ng	98
15) Benzyl Alcohol	6.945	79	350769	43.353	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	497435	41.583	ng	95
17) 2-Methylphenol	7.069	107	320762	41.930	ng	98
18) Hexachloroethane	7.298	117	165374	41.903	ng	96
19) n-Nitroso-di-n-propyla...	7.210	70	275177	40.620	ng	99
20) 3+4-Methylphenols	7.222	107	420995	40.997	ng	98
22) Acetophenone	7.210	105	575495	41.898	ng	99
24) Nitrobenzene	7.381	77	425251	40.053	ng	95
25) Isophorone	7.622	82	754209	41.617	ng	99
26) 2-Nitrophenol	7.698	139	219422	42.016	ng	99
27) 2,4-Dimethylphenol	7.740	122	338651	45.216	ng	98
28) bis(2-Chloroethoxy)met...	7.828	93	460768	43.546	ng	98
29) 2,4-Dichlorophenol	7.951	162	330232	40.323	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	337957	39.117	ng	98
31) Naphthalene	8.098	128	1159654	39.349	ng	100
32) Benzoic acid	7.892	122	139171	42.936	ng	88
33) 4-Chloroaniline	8.157	127	437873	37.782	ng	99
34) Hexachlorobutadiene	8.204	225	205330	39.031	ng	100
35) Caprolactam	8.540	113	104131m	40.888	ng	
36) 4-Chloro-3-methylphenol	8.657	107	356707	40.374	ng	95
37) 2-Methylnaphthalene	8.792	142	752982	38.928	ng	99
38) 1-Methylnaphthalene	8.887	142	710878	37.816	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	332013	40.714	ng	99
41) Hexachlorocyclopentadiene	8.939	237	223794	82.894	ng	100
43) 2,4,6-Trichlorophenol	9.081	196	205209	38.731	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	220544	38.690	ng		98
46) 1,1'-Biphenyl	9.257	154	909507	40.833	ng		99
47) 2-Chloronaphthalene	9.281	162	704925	39.999	ng		98
48) 2-Nitroaniline	9.392	65	229279	41.167	ng		94
49) Acenaphthylene	9.698	152	1058587	39.610	ng		100
50) Dimethylphthalate	9.563	163	809491	38.514	ng		99
51) 2,6-Dinitrotoluene	9.634	165	182365	39.998	ng		94
52) Acenaphthene	9.869	154	635432	39.190	ng		99
53) 3-Nitroaniline	9.804	138	170980	33.910	ng		93
54) 2,4-Dinitrophenol	9.928	184	167374	81.114	ng		93
55) Dibenzofuran	10.045	168	959977	39.409	ng		98
56) 4-Nitrophenol	9.998	139	197705	88.138	ng		97
57) 2,4-Dinitrotoluene	10.045	165	237752	40.170	ng		98
58) Fluorene	10.386	166	793201	38.999	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	169322	40.476	ng	#	82
60) Diethylphthalate	10.263	149	789827	37.687	ng		99
61) 4-Chlorophenyl-phenyle...	10.375	204	350238	38.372	ng		96
62) 4-Nitroaniline	10.428	138	204799m	40.262	ng		
63) Azobenzene	10.539	77	782204	39.048	ng		96
65) 4,6-Dinitro-2-methylph...	10.457	198	118770	41.246	ng		93
66) n-Nitrosodiphenylamine	10.498	169	678509	40.984	ng		100
67) 4-Bromophenyl-phenylether	10.863	248	226745	39.468	ng		98
68) Hexachlorobenzene	10.939	284	252325	40.546	ng	#	91
69) Atrazine	11.033	200	221993	43.688	ng		98
70) Pentachlorophenol	11.145	266	151354	81.063	ng		96
71) Phenanthrene	11.351	178	1114887	40.698	ng		100
72) Anthracene	11.404	178	1131038	41.517	ng		100
73) Carbazole	11.569	167	1062224	42.953	ng		99
74) Di-n-butylphthalate	11.880	149	1229181	38.620	ng		99
75) Fluoranthene	12.545	202	1143108	40.778	ng		98
77) Benzidine	12.669	184	627175	89.100	ng		99
78) Pyrene	12.775	202	1170707	43.231	ng		99
80) Butylbenzylphthalate	13.380	149	447304	39.035	ng		94
81) Benzo(a)anthracene	13.969	228	861707	40.197	ng		100
82) 3,3'-Dichlorobenzidine	13.927	252	243833	36.726	ng		98
83) Chrysene	14.004	228	784181	39.078	ng		99
84) Bis(2-ethylhexyl)phtha...	13.933	149	522129	38.406	ng		98
85) Di-n-octyl phthalate	14.545	149	698935	37.243	ng		100
87) Indeno(1,2,3-cd)pyrene	16.915	276	848840	47.763	ng		99
88) Benzo(b)fluoranthene	15.016	252	718528	40.534	ng		99
89) Benzo(k)fluoranthene	15.045	252	656130	38.596	ng		99
90) Benzo(a)pyrene	15.380	252	609886	43.690	ng		100
91) Dibenzo(a,h)anthracene	16.921	278	736043	50.194	ng		100
92) Benzo(g,h,i)perylene	17.362	276	769813	52.621	ng		98

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

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