Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041922\
Data File : BF127846.D
Acq On : 19 Apr 2022 17:45
Operator : CG\JU
Sample : PB144218BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 20 03:53:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 19 17:31:18 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB144218BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/20/2022
Supervised By :Jagrut Upadhyay 04/20/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.945	152	91078	20.000	ng		0.00
21) Naphthalene-d8	8.228	136	431877	20.000	ng	#	0.00
39) Acenaphthene-d10	9.992	164	204864	20.000	ng		0.00
64) Phenanthrene-d10	11.480	188	305561	20.000	ng		0.00
76) Chrysene-d12	14.127	240	192884	20.000	ng		0.00
86) Perylene-d12	15.645	264	152219	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	666484	114.641	ng		0.02
7) Phenol-d6	6.575	99	855275	117.807	ng		0.00
23) Nitrobenzene-d5	7.510	82	657508	70.607	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	282305	113.121	ng		0.00
45) 2-Fluorobiphenyl	9.304	172	1209230	77.097	ng		0.00
79) Terphenyl-d14	13.068	244	1228657	99.985	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.928	88	79849	29.668	ng		89
3) Pyridine	3.669	79	217744	28.329	ng		88
4) n-Nitrosodimethylamine	3.640	42	158125	38.416	ng	#	83
6) Aniline	6.610	93	304812	36.107	ng		99
8) 2-Chlorophenol	6.734	128	258056	43.751	ng		93
9) Benzaldehyde	6.498	77	178911	43.121	ng		98
10) Phenol	6.587	94	308875m	42.419	ng		
11) bis(2-Chloroethyl)ether	6.681	93	253532	42.352	ng		92
12) 1,3-Dichlorobenzene	6.887	146	288373	41.127	ng		98
13) 1,4-Dichlorobenzene	6.963	146	295235	43.941	ng		97
14) 1,2-Dichlorobenzene	7.116	146	295704	46.257	ng		99
15) Benzyl Alcohol	7.087	79	286437	45.330	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.216	45	410739	47.706	ng		94
17) 2-Methylphenol	7.192	107	232212	46.976	ng		94
18) Hexachloroethane	7.457	117	153928	55.691	ng		98
19) n-Nitroso-di-n-propyla...	7.357	70	258663	51.907	ng		97
20) 3+4-Methylphenols	7.345	107	328214	50.115	ng	#	77
22) Acetophenone	7.357	105	475735	45.861	ng	#	85
24) Nitrobenzene	7.528	77	325387	37.506	ng		96
25) Isophorone	7.769	82	600659	38.336	ng		99
26) 2-Nitrophenol	7.845	139	142693	37.687	ng		91
27) 2,4-Dimethylphenol	7.875	122	258723	43.256	ng		88
28) bis(2-Chloroethoxy)met...	7.975	93	411965	44.055	ng		99
29) 2,4-Dichlorophenol	8.081	162	294410	41.977	ng		99
30) 1,2,4-Trichlorobenzene	8.169	180	326957	39.516	ng		96
31) Naphthalene	8.251	128	914930	40.904	ng		98
32) Benzoic acid	8.004	122	184846	43.194	ng		97
33) 4-Chloroaniline	8.298	127	133913	15.084	ng		98
34) Hexachlorobutadiene	8.363	225	192118	31.379	ng		99
35) Caprolactam	8.681	113	59773m	27.135	ng		
36) 4-Chloro-3-methylphenol	8.781	107	250822	30.544	ng		94
37) 2-Methylnaphthalene	8.945	142	492842	30.582	ng		97
38) 1-Methylnaphthalene	9.045	142	477110	30.606	ng		98
40) 1,2,4,5-Tetrachloroben...	9.110	216	285273	38.465	ng	#	97
41) Hexachlorocyclopentadiene	9.092	237	429315	94.999	ng		97
43) 2,4,6-Trichlorophenol	9.216	196	183588	36.990	ng		98

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44) 2,4,5-Trichlorophenol	9.263	196	195859	37.282	ng		96
46) 1,1'-Biphenyl	9.410	154	797042	48.482	ng		97
47) 2-Chloronaphthalene	9.433	162	628036	47.320	ng		96
48) 2-Nitroaniline	9.533	65	229501	49.854	ng		94
49) Acenaphthylene	9.857	152	804503	42.345	ng		99
50) Dimethylphthalate	9.710	163	614959	39.995	ng		100
51) 2,6-Dinitrotoluene	9.775	165	129751	42.407	ng		95
52) Acenaphthene	10.028	154	535684m	43.851	ng		
53) 3-Nitroaniline	9.945	138	87071	27.591	ng		97
54) 2,4-Dinitrophenol	10.051	184	128362	74.764	ng	#	82
55) Dibenzofuran	10.198	168	637955	37.386	ng		92
56) 4-Nitrophenol	10.110	139	168096	72.096	ng	#	83
57) 2,4-Dinitrotoluene	10.180	165	162013	42.288	ng		95
58) Fluorene	10.545	166	505605	38.837	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.310	232	155644m	38.358	ng		
60) Diethylphthalate	10.410	149	553893	39.400	ng		97
61) 4-Chlorophenyl-phenyle...	10.533	204	277325	38.384	ng		99
62) 4-Nitroaniline	10.569	138	107540	38.181	ng	#	72
63) Azobenzene	10.692	77	558828	37.929	ng		98
65) 4,6-Dinitro-2-methylph...	10.586	198	83565	42.799	ng		96
66) n-Nitrosodiphenylamine	10.651	169	432642	43.347	ng		98
67) 4-Bromophenyl-phenylether	11.022	248	177246	42.801	ng	#	88
68) Hexachlorobenzene	11.086	284	203779	45.919	ng		93
69) Atrazine	11.180	200	164251	51.125	ng		97
70) Pentachlorophenol	11.286	266	225948	94.577	ng		99
71) Phenanthrene	11.510	178	735915	45.057	ng		99
72) Anthracene	11.563	178	749265	45.406	ng		99
73) Carbazole	11.716	167	643891	42.867	ng		98
74) Di-n-butylphthalate	12.039	149	847271	46.741	ng		98
75) Fluoranthene	12.698	202	809680	44.243	ng		99
77) Benzidine	12.821	184	310689	62.426	ng		99
78) Pyrene	12.933	202	796171	48.763	ng		99
80) Butylbenzylphthalate	13.539	149	298564	46.774	ng		96
81) Benzo(a)anthracene	14.115	228	606721	46.048	ng		99
82) 3,3'-Dichlorobenzidine	14.080	252	121306	29.153	ng	#	96
83) Chrysene	14.157	228	550823	44.835	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	406863	48.832	ng	#	97
85) Di-n-octyl phthalate	14.715	149	561880	44.773	ng	#	94
87) Indeno(1,2,3-cd)pyrene	17.198	276	495758	49.708	ng		96
88) Benzo(b)fluoranthene	15.192	252	494488	49.515	ng	#	98
89) Benzo(k)fluoranthene	15.227	252	439556	45.354	ng	#	98
90) Benzo(a)pyrene	15.580	252	443128	55.006	ng		99
91) Dibenzo(a,h)anthracene	17.221	278	431794	52.985	ng	#	95
92) Benzo(g,h,i)perylene	17.674	276	442157	53.425	ng		95

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

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