Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020422\
Data File : BF126806.D
Acq On : 04 Feb 2022 13:02
Operator : CG/JU
Sample : PB142443BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 04 23:53:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 02 15:08:47 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB142443BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.951	152	157171	20.000	ng		0.00
21) Naphthalene-d8	8.233	136	626772	20.000	ng		0.00
39) Acenaphthene-d10	9.992	164	337675	20.000	ng		0.00
64) Phenanthrene-d10	11.480	188	560234	20.000	ng		0.00
76) Chrysene-d12	14.133	240	389834	20.000	ng	#	0.00
86) Perylene-d12	15.645	264	275867	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	1459334	127.173	ng		0.02
7) Phenol-d6	6.575	99	1962828	123.657	ng		0.00
23) Nitrobenzene-d5	7.516	82	1402440	83.741	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	441062	125.855	ng		0.00
45) 2-Fluorobiphenyl	9.310	172	1703081	83.513	ng		0.00
79) Terphenyl-d14	13.074	244	1960778	84.140	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.904	88	219295	37.765	ng	#	87
3) Pyridine	3.651	79	573151	36.397	ng	#	80
4) n-Nitrosodimethylamine	3.616	42	225074	46.273	ng	#	67
6) Aniline	6.616	93	855115	42.218	ng		96
8) 2-Chlorophenol	6.734	128	504550	48.086	ng		96
9) Benzaldehyde	6.504	77	461827	46.245	ng		89
10) Phenol	6.587	94	768124	45.211	ng		95
11) bis(2-Chloroethyl)ether	6.687	93	642859	46.966	ng		92
12) 1,3-Dichlorobenzene	6.892	146	518922	43.922	ng		95
13) 1,4-Dichlorobenzene	6.969	146	524266	43.903	ng		96
14) 1,2-Dichlorobenzene	7.122	146	510280	43.973	ng		100
15) Benzyl Alcohol	7.092	79	569933	44.939	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.222	45	687922	46.651	ng		82
17) 2-Methylphenol	7.192	107	475390	46.073	ng	#	93
18) Hexachloroethane	7.463	117	214539	45.863	ng	#	91
19) n-Nitroso-di-n-propyla...	7.363	70	465516	44.538	ng	#	84
20) 3+4-Methylphenols	7.351	107	568839	43.771	ng		94
22) Acetophenone	7.363	105	771950	42.563	ng	#	86
24) Nitrobenzene	7.534	77	725205	43.623	ng	#	87
25) Isophorone	7.769	82	1313781	45.709	ng		95
26) 2-Nitrophenol	7.845	139	252732	45.614	ng	#	71
27) 2,4-Dimethylphenol	7.881	122	483293	49.942	ng		88
28) bis(2-Chloroethoxy)met...	7.981	93	775742	42.556	ng		97
29) 2,4-Dichlorophenol	8.086	162	412196	43.269	ng		97
30) 1,2,4-Trichlorobenzene	8.169	180	427541	41.733	ng		98
31) Naphthalene	8.257	128	1407264	42.956	ng		100
32) Benzoic acid	8.004	122	330474	44.252	ng	#	73
33) 4-Chloroaniline	8.298	127	263292	19.891	ng	#	93
34) Hexachlorobutadiene	8.369	225	261734	40.759	ng		98
35) Caprolactam	8.675	113	152331m	43.946	ng		
36) 4-Chloro-3-methylphenol	8.781	107	526295	43.342	ng		89
37) 2-Methylnaphthalene	8.945	142	877145	43.452	ng		95
38) 1-Methylnaphthalene	9.045	142	823363	42.373	ng		97
40) 1,2,4,5-Tetrachloroben...	9.110	216	415808	42.768	ng		97
41) Hexachlorocyclopentadiene	9.098	237	552645	98.615	ng		94
43) 2,4,6-Trichlorophenol	9.222	196	290375	42.395	ng		99

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44) 2,4,5-Trichlorophenol	9.263	196	302495	42.303	ng	#	91
46) 1,1'-Biphenyl	9.410	154	1067097	43.149	ng		97
47) 2-Chloronaphthalene	9.439	162	836206	42.655	ng		99
48) 2-Nitroaniline	9.533	65	351222	43.941	ng		93
49) Acenaphthylene	9.857	152	1338440	44.219	ng		98
50) Dimethylphthalate	9.716	163	996116	42.677	ng	#	99
51) 2,6-Dinitrotoluene	9.775	165	219826	45.848	ng	#	83
52) Acenaphthene	10.027	154	903778	46.830	ng		97
53) 3-Nitroaniline	9.945	138	164215	30.056	ng	#	77
54) 2,4-Dinitrophenol	10.051	184	232142	91.915	ng		95
55) Dibenzofuran	10.198	168	1154989	40.546	ng		97
56) 4-Nitrophenol	10.104	139	356969	86.271	ng	#	77
57) 2,4-Dinitrotoluene	10.180	165	291974	44.931	ng	#	93
58) Fluorene	10.545	166	878725	41.693	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.310	232	256995	41.523	ng	#	83
60) Diethylphthalate	10.410	149	948270	41.348	ng		98
61) 4-Chlorophenyl-phenyle...	10.533	204	433122	40.627	ng		88
62) 4-Nitroaniline	10.569	138	224968	43.393	ng	#	76
63) Azobenzene	10.692	77	1335049	41.955	ng		91
65) 4,6-Dinitro-2-methylph...	10.586	198	147571	43.422	ng		95
66) n-Nitrosodiphenylamine	10.657	169	793361	44.036	ng		100
67) 4-Bromophenyl-phenylether	11.027	248	282146	43.999	ng	#	91
68) Hexachlorobenzene	11.092	284	311861	44.445	ng	#	86
69) Atrazine	11.180	200	268940	46.005	ng		93
70) Pentachlorophenol	11.286	266	357886	87.423	ng		98
71) Phenanthrene	11.510	178	1341090	43.222	ng		99
72) Anthracene	11.563	178	1368797	44.045	ng		100
73) Carbazole	11.716	167	1208339	41.215	ng		99
74) Di-n-butylphthalate	12.039	149	1459525	42.938	ng	#	99
75) Fluoranthene	12.704	202	1353213	42.877	ng		97
77) Benzidine	12.821	184	725715	81.148	ng		98
78) Pyrene	12.933	202	1360395	43.666	ng		99
80) Butylbenzylphthalate	13.545	149	582072	45.028	ng	#	92
81) Benzo(a)anthracene	14.121	228	1150733	44.238	ng		98
82) 3,3'-Dichlorobenzidine	14.080	252	216444	29.055	ng	#	97
83) Chrysene	14.163	228	1081383	43.907	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	776189	46.152	ng		99
85) Di-n-octyl phthalate	14.721	149	1128675	47.066	ng	#	94
87) Indeno(1,2,3-cd)pyrene	17.198	276	787157	46.782	ng	#	89
88) Benzo(b)fluoranthene	15.198	252	857489	47.537	ng	#	94
89) Benzo(k)fluoranthene	15.227	252	838391	46.594	ng	#	95
90) Benzo(a)pyrene	15.580	252	773456	53.790	ng	#	95
91) Dibenzo(a,h)anthracene	17.221	278	673461	48.865	ng	#	92
92) Benzo(g,h,i)perylene	17.674	276	670885	49.284	ng	#	90

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

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