Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011022\
Data File : BF126561.D
Acq On : 10 Jan 2022 12:51
Operator : JU/CG
Sample : PB141902BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 10 14:51:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 10 14:50:31 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB141902BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.769	152	98722	20.000	ng		0.00
21) Naphthalene-d8	8.057	136	426869	20.000	ng	#	0.00
39) Acenaphthene-d10	9.816	164	201966	20.000	ng		0.00
64) Phenanthrene-d10	11.298	188	328960	20.000	ng		0.00
76) Chrysene-d12	13.945	240	176269	20.000	ng		0.00
86) Perylene-d12	15.409	264	155254	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.398	112	715290	104.050	ng		0.02
7) Phenol-d6	6.416	99	909237	102.116	ng		0.00
23) Nitrobenzene-d5	7.339	82	586580	70.557	ng		0.00
42) 2,4,6-Tribromophenol	10.610	330	201883	129.356	ng		0.00
45) 2-Fluorobiphenyl	9.139	172	863634	75.248	ng		0.00
79) Terphenyl-d14	12.892	244	761353	83.921	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.557	88	105927	30.727	ng		99
3) Pyridine	3.269	79	230560	24.794	ng		99
4) n-Nitrosodimethylamine	3.222	42	136737	35.766	ng	#	94
6) Aniline	6.434	93	311828	28.164	ng		99
8) 2-Chlorophenol	6.557	128	305916	44.622	ng		94
9) Benzaldehyde	6.316	77	49839	9.042	ng		89
10) Phenol	6.428	94	371497	37.387	ng		79
11) bis(2-Chloroethyl)ether	6.510	93	308065	40.603	ng		97
12) 1,3-Dichlorobenzene	6.710	146	291011	42.478	ng		99
13) 1,4-Dichlorobenzene	6.787	146	296436	43.349	ng		99
14) 1,2-Dichlorobenzene	6.939	146	286538	43.004	ng		96
15) Benzyl Alcohol	6.916	79	259774	41.699	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.051	45	488328	40.981	ng		99
17) 2-Methylphenol	7.034	107	245636	40.732	ng		99
18) Hexachloroethane	7.281	117	117412	43.094	ng		99
19) n-Nitroso-di-n-propyla...	7.192	70	200992	39.558	ng		95
20) 3+4-Methylphenols	7.186	107	280366	39.050	ng		96
22) Acetophenone	7.181	105	404537	40.993	ng	#	96
24) Nitrobenzene	7.357	77	313874	37.729	ng		94
25) Isophorone	7.598	82	575740	38.686	ng		98
26) 2-Nitrophenol	7.675	139	154708	41.950	ng		94
27) 2,4-Dimethylphenol	7.716	122	270024	46.825	ng		98
28) bis(2-Chloroethoxy)met...	7.810	93	374064	38.476	ng		99
29) 2,4-Dichlorophenol	7.916	162	225954	42.912	ng		99
30) 1,2,4-Trichlorobenzene	7.998	180	228974	41.725	ng		100
31) Naphthalene	8.081	128	841567	41.769	ng		100
32) Benzoic acid	7.857	122	164876	40.678	ng		97
33) 4-Chloroaniline	8.128	127	180909	21.433	ng		95
34) Hexachlorobutadiene	8.198	225	118969	44.603	ng		98
35) Caprolactam	8.504	113	83178m	62.095	ng		
36) 4-Chloro-3-methylphenol	8.616	107	263129	40.947	ng		99
37) 2-Methylnaphthalene	8.769	142	537403	45.214	ng		100
38) 1-Methylnaphthalene	8.869	142	494952	43.072	ng		98
40) 1,2,4,5-Tetrachloroben...	8.939	216	192609	43.887	ng		98
41) Hexachlorocyclopentadiene	8.928	237	188281	105.372	ng		99
43) 2,4,6-Trichlorophenol	9.051	196	138723	42.742	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	147451	42.207	ng		94
46) 1,1'-Biphenyl	9.239	154	631269	42.616	ng		98
47) 2-Chloronaphthalene	9.263	162	460292	41.025	ng		99
48) 2-Nitroaniline	9.357	65	163271	36.037	ng		90
49) Acenaphthylene	9.675	152	716095	42.082	ng		99
50) Dimethylphthalate	9.545	163	524360	41.589	ng		99
51) 2,6-Dinitrotoluene	9.604	165	117933	43.311	ng		91
52) Acenaphthene	9.851	154	446965	40.065	ng		99
53) 3-Nitroaniline	9.769	138	92222	24.702	ng		91
54) 2,4-Dinitrophenol	9.880	184	119068	84.837	ng		90
55) Dibenzofuran	10.022	168	610126	40.456	ng		96
56) 4-Nitrophenol	9.945	139	205810	77.513	ng		88
57) 2,4-Dinitrotoluene	10.010	165	152768	43.486	ng	#	89
58) Fluorene	10.363	166	456977	42.856	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.139	232	111149	44.327	ng		95
60) Diethylphthalate	10.239	149	504724	41.536	ng		99
61) 4-Chlorophenyl-phenyle...	10.357	204	199177	42.803	ng		96
62) 4-Nitroaniline	10.386	138	133746	38.038	ng		95
63) Azobenzene	10.516	77	582435	37.212	ng		99
65) 4,6-Dinitro-2-methylph...	10.416	198	75433	42.344	ng		87
66) n-Nitrosodiphenylamine	10.475	169	418852	41.040	ng		99
67) 4-Bromophenyl-phenylether	10.845	248	128379	43.968	ng		98
68) Hexachlorobenzene	10.916	284	154827	45.586	ng		92
69) Atrazine	11.010	200	125170	71.224	ng		98
70) Pentachlorophenol	11.110	266	153863	93.209	ng		97
71) Phenanthrene	11.327	178	689986	41.027	ng		100
72) Anthracene	11.380	178	713504	42.399	ng		99
73) Carbazole	11.533	167	638784	38.764	ng		100
74) Di-n-butylphthalate	11.869	149	762278	40.631	ng		100
75) Fluoranthene	12.516	202	657079	42.807	ng		97
77) Benzidine	12.633	184	142661	48.688	ng		99
78) Pyrene	12.745	202	658088	44.178	ng		99
80) Butylbenzylphthalate	13.368	149	271726	41.165	ng		87
81) Benzo(a)anthracene	13.939	228	404995	39.952	ng		99
82) 3,3'-Dichlorobenzidine	13.898	252	125152	26.463	ng		98
83) Chrysene	13.974	228	431883	41.535	ng		100
84) Bis(2-ethylhexyl)phtha...	13.933	149	304905	44.572	ng		100
85) Di-n-octyl phthalate	14.562	149	494763	41.703	ng		97
87) Indeno(1,2,3-cd)pyrene	16.839	276	458228	44.101	ng		94
88) Benzo(b)fluoranthene	14.992	252	433194m	46.838	ng		
89) Benzo(k)fluoranthene	15.021	252	366304	40.885	ng		97
90) Benzo(a)pyrene	15.351	252	396569	51.138	ng		97
91) Dibenzo(a,h)anthracene	16.856	278	382067	45.570	ng		95
92) Benzo(g,h,i)perylene	17.268	276	403215	45.164	ng		95

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

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