Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128232.D
Acq On : 13 May 2022 10:49
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 14 00:54:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 14 00:51:21 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	94358	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	345077	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	195122	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	344774	20.000	ng		0.00
76) Chrysene-d12	14.068	240	219865	20.000	ng		0.00
86) Perylene-d12	15.562	264	176995	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	476916	80.573	ng		0.00
7) Phenol-d6	6.528	99	637000	81.365	ng		0.00
23) Nitrobenzene-d5	7.463	82	643136	83.862	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	181952	81.308	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1015174	81.407	ng		0.00
79) Terphenyl-d14	13.010	244	1055136	90.050	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	104884	39.833	ng		97
3) Pyridine	3.481	79	283819	40.630	ng		99
4) n-Nitrosodimethylamine	3.463	42	149246	42.860	ng		93
6) Aniline	6.557	93	363637	41.130	ng		97
8) 2-Chlorophenol	6.681	128	246193	40.837	ng		96
9) Benzaldehyde	6.445	77	159205	40.274	ng		93
10) Phenol	6.540	94	334646	40.534	ng		90
11) bis(2-Chloroethyl)ether	6.628	93	251377	40.656	ng		97
12) 1,3-Dichlorobenzene	6.828	146	274281m	40.421	ng		
13) 1,4-Dichlorobenzene	6.904	146	277567	40.482	ng		96
14) 1,2-Dichlorobenzene	7.063	146	258508	40.009	ng		100
15) Benzyl Alcohol	7.034	79	258463	41.776	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.163	45	364755	39.783	ng		99
17) 2-Methylphenol	7.145	107	207946	40.656	ng		96
18) Hexachloroethane	7.398	117	106395	41.073	ng		98
19) n-Nitroso-di-n-propyla...	7.304	70	193214	40.076	ng		95
20) 3+4-Methylphenols	7.298	107	254178	40.136	ng	#	90
22) Acetophenone	7.304	105	352648	41.040	ng	#	90
24) Nitrobenzene	7.481	77	299201	42.272	ng		99
25) Isophorone	7.716	82	494570	41.135	ng		99
26) 2-Nitrophenol	7.792	139	131136	42.194	ng		96
27) 2,4-Dimethylphenol	7.828	122	198274	41.389	ng		98
28) bis(2-Chloroethoxy)met...	7.922	93	309554	40.731	ng		98
29) 2,4-Dichlorophenol	8.034	162	209906	41.679	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	240673	41.696	ng		97
31) Naphthalene	8.198	128	691725	40.589	ng		99
32) Benzoic acid	7.969	122	138145	38.561	ng		89
33) 4-Chloroaniline	8.245	127	276217	40.828	ng		96
34) Hexachlorobutadiene	8.304	225	160652	41.449	ng		98
35) Caprolactam	8.634	113	64367	39.153	ng		95
36) 4-Chloro-3-methylphenol	8.728	107	232456	41.309	ng		93
37) 2-Methylnaphthalene	8.886	142	463171	40.311	ng		98
38) 1-Methylnaphthalene	8.986	142	442033	40.055	ng		100
40) 1,2,4,5-Tetrachloroben...	9.051	216	239799	41.663	ng		99
41) Hexachlorocyclopentadiene	9.033	237	91497	37.680	ng		98
43) 2,4,6-Trichlorophenol	9.169	196	154997	41.799	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	162700	41.150	ng		99
46) 1,1'-Biphenyl	9.351	154	575771	40.533	ng		99
47) 2-Chloronaphthalene	9.381	162	427613	40.615	ng		98
48) 2-Nitroaniline	9.481	65	157757	41.794	ng		95
49) Acenaphthylene	9.798	152	640086	40.195	ng		100
50) Dimethylphthalate	9.657	163	502931	39.942	ng		99
51) 2,6-Dinitrotoluene	9.722	165	110351	39.952	ng		95
52) Acenaphthene	9.969	154	445260m	40.327	ng		
53) 3-Nitroaniline	9.892	138	118067	39.428	ng		93
54) 2,4-Dinitrophenol	10.004	184	56688	37.098	ng		90
55) Dibenzofuran	10.139	168	619876	39.541	ng		97
56) 4-Nitrophenol	10.057	139	77621	37.097	ng		93
57) 2,4-Dinitrotoluene	10.128	165	146097	39.556	ng	#	80
58) Fluorene	10.480	166	486982	39.881	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.257	232	131942	39.048	ng		98
60) Diethylphthalate	10.351	149	498824	39.707	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	243751	40.028	ng		95
62) 4-Nitroaniline	10.510	138	119577	39.391	ng		91
63) Azobenzene	10.633	77	551385	40.082	ng		98
65) 4,6-Dinitro-2-methylph...	10.539	198	89604	41.526	ng		92
66) n-Nitrosodiphenylamine	10.592	169	418394	41.639	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	153474	41.376	ng		96
68) Hexachlorobenzene	11.027	284	170323	41.977	ng		98
69) Atrazine	11.122	200	135646	40.019	ng		98
70) Pentachlorophenol	11.227	266	76289	38.741	ng		97
71) Phenanthrene	11.451	178	690981	40.249	ng		99
72) Anthracene	11.504	178	691512	40.344	ng		99
73) Carbazole	11.657	167	645460	39.601	ng		99
74) Di-n-butylphthalate	11.974	149	745016	39.705	ng		99
75) Fluoranthene	12.639	202	706747	37.972	ng		97
77) Benzidine	12.757	184	175092	36.769	ng		98
78) Pyrene	12.869	202	721728	45.272	ng		99
80) Butylbenzylphthalate	13.474	149	291299	43.952	ng		99
81) Benzo(a)anthracene	14.057	228	571666	40.707	ng		99
82) 3,3'-Dichlorobenzidine	14.016	252	124990	39.665	ng		100
83) Chrysene	14.098	228	544273	40.619	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	375686	41.952	ng		98
85) Di-n-octyl phthalate	14.645	149	548950	38.376	ng		100
87) Indeno(1,2,3-cd)pyrene	17.086	276	473212	44.198	ng		96
88) Benzo(b)fluoranthene	15.121	252	430730	39.258	ng		98
89) Benzo(k)fluoranthene	15.151	252	439458	40.576	ng		99
90) Benzo(a)pyrene	15.498	252	357351	40.343	ng	#	96
91) Dibenzo(a,h)anthracene	17.098	278	387486	44.703	ng	#	96
92) Benzo(g,h,i)perylene	17.551	276	394208	44.916	ng		96

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

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