Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062222\
Data File : BF128925.D
Acq On : 22 Jun 2022 11:21
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 23 01:24:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 01:02:29 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.751	152	104958	20.000	ng		0.00
21) Naphthalene-d8	8.034	136	377492	20.000	ng		0.00
39) Acenaphthene-d10	9.792	164	213004	20.000	ng		0.00
64) Phenanthrene-d10	11.275	188	392961	20.000	ng		0.00
76) Chrysene-d12	13.927	240	280213	20.000	ng	#	0.00
86) Perylene-d12	15.363	264	210528	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	529389	80.340	ng		0.00
7) Phenol-d6	6.410	99	670999	83.421	ng		0.00
23) Nitrobenzene-d5	7.322	82	685506	84.548	ng		0.00
42) 2,4,6-Tribromophenol	10.586	330	185047	73.526	ng		0.00
45) 2-Fluorobiphenyl	9.110	172	1255485	82.566	ng		0.00
79) Terphenyl-d14	12.869	244	1355257	84.041	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.469	88	98359	40.208	ng	#	94
3) Pyridine	3.187	79	269078	41.406	ng		90
4) n-Nitrosodimethylamine	3.152	42	171445	38.044	ng	#	73
6) Aniline	6.416	93	366583	42.258	ng	#	54
8) 2-Chlorophenol	6.546	128	280665	41.626	ng		98
9) Benzaldehyde	6.304	77	211020	43.063	ng		94
10) Phenol	6.428	94	355608	41.824	ng		82
11) bis(2-Chloroethyl)ether	6.493	93	260368	41.790	ng		99
12) 1,3-Dichlorobenzene	6.693	146	325599	41.772	ng		99
13) 1,4-Dichlorobenzene	6.769	146	324425	41.211	ng		98
14) 1,2-Dichlorobenzene	6.922	146	308242	41.857	ng		99
15) Benzyl Alcohol	6.904	79	277495	41.233	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.028	45	425572	41.458	ng	#	1
17) 2-Methylphenol	7.181	107	298908	56.092	ng	#	83
18) Hexachloroethane	7.257	117	122826	41.937	ng		96
19) n-Nitroso-di-n-propyla...	7.175	70	209667	41.924	ng		98
20) 3+4-Methylphenols	7.181	107	298908	42.015	ng	#	85
22) Acetophenone	7.169	105	410621	41.590	ng		95
24) Nitrobenzene	7.340	77	320673	43.080	ng		95
25) Isophorone	7.581	82	520296	42.252	ng		96
26) 2-Nitrophenol	7.657	139	147026	44.830	ng	#	91
27) 2,4-Dimethylphenol	7.704	122	218430	43.722	ng		95
28) bis(2-Chloroethoxy)met...	7.787	93	328793	42.237	ng		97
29) 2,4-Dichlorophenol	7.910	162	244719	42.323	ng		98
30) 1,2,4-Trichlorobenzene	7.975	180	271795	41.747	ng		97
31) Naphthalene	8.057	128	818334	42.241	ng		100
32) Benzoic acid	7.857	122	94099	26.549	ng		92
33) 4-Chloroaniline	8.116	127	315298	43.167	ng		97
34) Hexachlorobutadiene	8.169	225	195180	42.272	ng		100
35) Caprolactam	8.498	113	67950m	42.498	ng		
36) 4-Chloro-3-methylphenol	8.616	107	269413	42.694	ng		99
37) 2-Methylnaphthalene	8.751	142	522064	42.367	ng		99
38) 1-Methylnaphthalene	8.845	142	507718	42.646	ng		98
40) 1,2,4,5-Tetrachloroben...	8.916	216	282600	42.719	ng		99
41) Hexachlorocyclopentadiene	8.898	237	148014	37.223	ng		100
43) 2,4,6-Trichlorophenol	9.034	196	165040	36.892	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.087	196	168061	36.352	ng		96
46) 1,1'-Biphenyl	9.216	154	664793	41.596	ng		98
47) 2-Chloronaphthalene	9.239	162	508830	41.724	ng		99
48) 2-Nitroaniline	9.345	65	183797	44.073	ng		99
49) Acenaphthylene	9.651	152	769658	41.225	ng		99
50) Dimethylphthalate	9.522	163	609914	41.833	ng		99
51) 2,6-Dinitrotoluene	9.587	165	126969	44.123	ng		87
52) Acenaphthene	9.828	154	464960	38.243	ng		98
53) 3-Nitroaniline	9.757	138	138022	44.194	ng		94
54) 2,4-Dinitrophenol	9.875	184	61103	38.123	ng		90
55) Dibenzofuran	9.998	168	712383	40.770	ng		95
56) 4-Nitrophenol	9.951	139	80287	35.465	ng	#	74
57) 2,4-Dinitrotoluene	9.992	165	162684	42.362	ng	#	71
58) Fluorene	10.339	166	563713	41.600	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.122	232	132914m	34.808	ng		
60) Diethylphthalate	10.216	149	602950	41.147	ng		99
61) 4-Chlorophenyl-phenyle...	10.334	204	291177	41.428	ng		98
62) 4-Nitroaniline	10.375	138	126920	40.137	ng	#	84
63) Azobenzene	10.492	77	598749	41.506	ng		98
65) 4,6-Dinitro-2-methylph...	10.404	198	100753	43.446	ng		92
66) n-Nitrosodiphenylamine	10.457	169	518443	42.924	ng		99
67) 4-Bromophenyl-phenylether	10.822	248	188023	42.906	ng		98
68) Hexachlorobenzene	10.886	284	203588	41.832	ng		98
69) Atrazine	10.986	200	159639	41.100	ng		96
70) Pentachlorophenol	11.092	266	78231m	32.202	ng		
71) Phenanthrene	11.304	178	824057	41.809	ng		99
72) Anthracene	11.357	178	811368	41.590	ng		99
73) Carbazole	11.516	167	761589	42.031	ng		99
74) Di-n-butylphthalate	11.839	149	929231	42.120	ng		100
75) Fluoranthene	12.492	202	878782	42.653	ng		98
77) Benzidine	12.616	184	230159	41.204	ng		99
78) Pyrene	12.722	202	890906	42.734	ng		98
80) Butylbenzylphthalate	13.339	149	391969	44.771	ng		98
81) Benzo(a)anthracene	13.916	228	757054	43.343	ng		100
82) 3,3'-Dichlorobenzidine	13.874	252	167751	44.891	ng		96
83) Chrysene	13.951	228	715548	42.970	ng		99
84) Bis(2-ethylhexyl)phtha...	13.898	149	524921	46.119	ng		100
85) Di-n-octyl phthalate	14.510	149	790208	46.096	ng		100
87) Indeno(1,2,3-cd)pyrene	16.798	276	505538	39.840	ng	#	91
88) Benzo(b)fluoranthene	14.951	252	601561	44.718	ng	#	96
89) Benzo(k)fluoranthene	14.980	252	512488	40.498	ng	#	97
90) Benzo(a)pyrene	15.310	252	440694	41.680	ng	#	96
91) Dibenzo(a,h)anthracene	16.804	278	431210	40.969	ng	#	96
92) Benzo(g,h,i)perylene	17.227	276	417153	39.990	ng	#	91

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

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