Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
Data File : BF127706.D
Acq On : 08 Apr 2022 10:33
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Apr 11 02:20:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 06 13:55:27 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.969	152	148428	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	507518	20.000	ng	#	0.00
39) Acenaphthene-d10	10.016	164	289390	20.000	ng		0.00
64) Phenanthrene-d10	11.504	188	522049	20.000	ng		0.00
76) Chrysene-d12	14.157	240	359678	20.000	ng		0.00
86) Perylene-d12	15.680	264	317384	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	702841	76.943	ng		0.00
7) Phenol-d6	6.587	99	929177	77.756	ng		0.00
23) Nitrobenzene-d5	7.534	82	862986	75.806	ng		0.00
42) 2,4,6-Tribromophenol	10.804	330	268946	87.333	ng		0.00
45) 2-Fluorobiphenyl	9.328	172	1550765	75.808	ng		0.00
79) Terphenyl-d14	13.098	244	1678547	77.030	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.828	88	169316	39.079	ng		85
3) Pyridine	3.593	79	443958	38.904	ng	#	82
4) n-Nitrosodimethylamine	3.569	42	222497	36.255	ng		95
6) Aniline	6.634	93	564917	39.636	ng		94
8) 2-Chlorophenol	6.751	128	364603	39.348	ng		94
9) Benzaldehyde	6.522	77	242098	40.340	ng		93
10) Phenol	6.598	94	461912	38.657	ng		99
11) bis(2-Chloroethyl)ether	6.704	93	378471	38.354	ng		89
12) 1,3-Dichlorobenzene	6.910	146	412847	38.993	ng		96
13) 1,4-Dichlorobenzene	6.987	146	417268	38.987	ng		99
14) 1,2-Dichlorobenzene	7.139	146	386046	37.735	ng		99
15) Benzyl Alcohol	7.104	79	387018	37.046	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.239	45	572893	36.780	ng		97
17) 2-Methylphenol	7.204	107	316323	39.245	ng		99
18) Hexachloroethane	7.481	117	153089	37.485	ng		98
19) n-Nitroso-di-n-propyla...	7.381	70	285256	36.907	ng		96
20) 3+4-Methylphenols	7.363	107	398278	38.776	ng	#	63
22) Acetophenone	7.375	105	513286	37.637	ng	#	84
24) Nitrobenzene	7.551	77	420634	38.117	ng		97
25) Isophorone	7.786	82	759322	38.225	ng		99
26) 2-Nitrophenol	7.863	139	161833	40.807	ng		96
27) 2,4-Dimethylphenol	7.892	122	302760	38.992	ng		94
28) bis(2-Chloroethoxy)met...	7.998	93	470007	38.372	ng	#	98
29) 2,4-Dichlorophenol	8.098	162	338040	40.414	ng		98
30) 1,2,4-Trichlorobenzene	8.186	180	385642	40.060	ng		97
31) Naphthalene	8.275	128	1035568	38.940	ng		99
32) Benzoic acid	8.010	122	212077	37.647	ng		94
33) 4-Chloroaniline	8.322	127	421096	40.206	ng		95
34) Hexachlorobutadiene	8.386	225	265324	40.067	ng		98
35) Caprolactam	8.698	113	98540	39.860	ng	#	75
36) 4-Chloro-3-methylphenol	8.792	107	345644	39.415	ng		99
37) 2-Methylnaphthalene	8.963	142	695714	39.114	ng		99
38) 1-Methylnaphthalene	9.063	142	674926	39.313	ng		98
40) 1,2,4,5-Tetrachloroben...	9.128	216	381274	40.169	ng		99
41) Hexachlorocyclopentadiene	9.116	237	222923	38.989	ng		98
43) 2,4,6-Trichlorophenol	9.239	196	252757	39.223	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	267618	41.156	ng		98
46) 1,1'-Biphenyl	9.433	154	869105	39.269	ng		98
47) 2-Chloronaphthalene	9.457	162	691295	39.305	ng		99
48) 2-Nitroaniline	9.551	65	213670	39.116	ng		91
49) Acenaphthylene	9.875	152	1049344	39.225	ng		99
50) Dimethylphthalate	9.733	163	813740	38.793	ng		99
51) 2,6-Dinitrotoluene	9.792	165	154643	39.111	ng		95
52) Acenaphthene	10.051	154	651532	38.657	ng		98
53) 3-Nitroaniline	9.963	138	169554	40.591	ng		99
54) 2,4-Dinitrophenol	10.063	184	71714	39.474	ng		97
55) Dibenzofuran	10.222	168	968675	39.385	ng		97
56) 4-Nitrophenol	10.110	139	126660	38.605	ng		86
57) 2,4-Dinitrotoluene	10.198	165	199197	40.635	ng	#	78
58) Fluorene	10.563	166	712108	39.186	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.333	232	229949	40.583	ng		100
60) Diethylphthalate	10.433	149	770405	38.380	ng		99
61) 4-Chlorophenyl-phenyle...	10.551	204	390790	39.138	ng		95
62) 4-Nitroaniline	10.580	138	171858	43.685	ng		93
63) Azobenzene	10.716	77	839983	37.449	ng		96
65) 4,6-Dinitro-2-methylph...	10.604	198	104096	41.283	ng		91
66) n-Nitrosodiphenylamine	10.675	169	637587	38.779	ng		98
67) 4-Bromophenyl-phenylether	11.045	248	259385	40.940	ng		93
68) Hexachlorobenzene	11.110	284	287165	41.462	ng		99
69) Atrazine	11.198	200	206199	37.747	ng		98
70) Pentachlorophenol	11.298	266	167614	40.520	ng		96
71) Phenanthrene	11.533	178	1059539	38.306	ng		99
72) Anthracene	11.586	178	1074623	39.276	ng		99
73) Carbazole	11.733	167	1007344	39.292	ng		99
74) Di-n-butylphthalate	12.063	149	1163429	37.962	ng		99
75) Fluoranthene	12.721	202	1175318	38.939	ng		99
77) Benzidine	12.845	184	358922	38.233	ng		100
78) Pyrene	12.957	202	1172294	38.597	ng		99
80) Butylbenzylphthalate	13.568	149	435842	38.541	ng		93
81) Benzo(a)anthracene	14.145	228	959415	39.938	ng		99
82) 3,3'-Dichlorobenzidine	14.104	252	323196	43.155	ng		99
83) Chrysene	14.180	228	921287	39.953	ng		99
84) Bis(2-ethylhexyl)phtha...	14.127	149	579761	36.371	ng		97
85) Di-n-octyl phthalate	14.751	149	880972	37.798	ng	#	93
87) Indeno(1,2,3-cd)pyrene	17.251	276	878625	44.308	ng		98
88) Benzo(b)fluoranthene	15.227	252	795753	38.974	ng		98
89) Benzo(k)fluoranthene	15.257	252	808986	39.950	ng		99
90) Benzo(a)pyrene	15.615	252	668703	40.295	ng		99
91) Dibenzo(a,h)anthracene	17.274	278	724483	45.092	ng		96
92) Benzo(g,h,i)perylene	17.733	276	731784	44.427	ng		98

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

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