Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
Data File : BF127643.D
Acq On : 06 Apr 2022 11:39
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Apr 06 13:15:18 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 13:12:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	138654	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	478498	20.000	ng		0.00
39) Acenaphthene-d10	10.016	164	270328	20.000	ng		0.00
64) Phenanthrene-d10	11.504	188	468495	20.000	ng		0.00
76) Chrysene-d12	14.157	240	303107	20.000	ng		0.00
86) Perylene-d12	15.680	264	249191	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	662476	76.266	ng		0.00
7) Phenol-d6	6.581	99	874753	73.672	ng		0.00
23) Nitrobenzene-d5	7.534	82	877969	78.432	ng		0.00
42) 2,4,6-Tribromophenol	10.804	330	226824	78.767	ng		0.00
45) 2-Fluorobiphenyl	9.328	172	1477821	79.828	ng		0.00
79) Terphenyl-d14	13.098	244	1494073	80.692	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.846	88	162298	42.541	ng		88
3) Pyridine	3.604	79	425198	39.487	ng		86
4) n-Nitrosodimethylamine	3.581	42	231588	39.171	ng		92
6) Aniline	6.628	93	540733	38.162	ng		97
8) 2-Chlorophenol	6.751	128	336530	37.912	ng		96
9) Benzaldehyde	6.522	77	216452	32.341	ng		94
10) Phenol	6.598	94	440128	34.037	ng		100
11) bis(2-Chloroethyl)ether	6.704	93	362315	38.293	ng		90
12) 1,3-Dichlorobenzene	6.910	146	385976	38.660	ng		98
13) 1,4-Dichlorobenzene	6.987	146	385324	38.368	ng		97
14) 1,2-Dichlorobenzene	7.140	146	360039	36.809	ng		98
15) Benzyl Alcohol	7.104	79	393966	45.656	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.239	45	580508	34.095	ng		99
17) 2-Methylphenol	7.204	107	298864	39.895	ng		97
18) Hexachloroethane	7.481	117	152567	41.497	ng		99
19) n-Nitroso-di-n-propyla...	7.381	70	287602	40.409	ng		99
20) 3+4-Methylphenols	7.363	107	378957	41.013	ng	#	68
22) Acetophenone	7.375	105	502939	41.118	ng	#	87
24) Nitrobenzene	7.551	77	423063	39.629	ng		98
25) Isophorone	7.787	82	759012	42.572	ng		99
26) 2-Nitrophenol	7.863	139	160126	35.764	ng	#	94
27) 2,4-Dimethylphenol	7.892	122	286519	42.542	ng		91
28) bis(2-Chloroethoxy)met...	7.998	93	463679	40.035	ng		99
29) 2,4-Dichlorophenol	8.098	162	314524	41.137	ng		98
30) 1,2,4-Trichlorobenzene	8.186	180	362554	40.693	ng		98
31) Naphthalene	8.275	128	984067	38.736	ng		98
32) Benzoic acid	8.010	122	230226	68.832	ng		96
33) 4-Chloroaniline	8.316	127	393187	39.941	ng		99
34) Hexachlorobutadiene	8.386	225	248526	43.928	ng		99
35) Caprolactam	8.698	113	95823	40.653	ng	#	76
36) 4-Chloro-3-methylphenol	8.792	107	335865	40.488	ng		97
37) 2-Methylnaphthalene	8.963	142	669416	40.980	ng		100
38) 1-Methylnaphthalene	9.063	142	641000	39.684	ng		98
40) 1,2,4,5-Tetrachloroben...	9.128	216	353306	41.105	ng		98
41) Hexachlorocyclopentadiene	9.116	237	222490	112.249	ng		98
43) 2,4,6-Trichlorophenol	9.239	196	242675	46.708	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	246594	46.107	ng		96
46) 1,1'-Biphenyl	9.433	154	815321	39.934	ng		98
47) 2-Chloronaphthalene	9.457	162	650704	40.472	ng		98
48) 2-Nitroaniline	9.551	65	218683	35.490	ng		96
49) Acenaphthylene	9.875	152	995741	40.967	ng		99
50) Dimethylphthalate	9.733	163	783773	41.676	ng		100
51) 2,6-Dinitrotoluene	9.792	165	153922	38.991	ng		92
52) Acenaphthene	10.051	154	629577	44.394	ng		99
53) 3-Nitroaniline	9.963	138	161198	37.225	ng		96
54) 2,4-Dinitrophenol	10.063	184	68621	44.382	ng		88
55) Dibenzofuran	10.222	168	908103	39.286	ng		95
56) 4-Nitrophenol	10.104	139	127448	57.825	ng		91
57) 2,4-Dinitrotoluene	10.198	165	192195	37.824	ng	#	89
58) Fluorene	10.563	166	660904	36.146	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.328	232	210786	44.577	ng		95
60) Diethylphthalate	10.433	149	747022	43.490	ng		98
61) 4-Chlorophenyl-phenyle...	10.557	204	367977	37.859	ng		98
62) 4-Nitroaniline	10.580	138	151718	37.404	ng		87
63) Azobenzene	10.716	77	839165	41.404	ng		97
65) 4,6-Dinitro-2-methylph...	10.604	198	98307	34.102	ng		93
66) n-Nitrosodiphenylamine	10.675	169	594172	41.663	ng		98
67) 4-Bromophenyl-phenylether	11.045	248	229850	42.022	ng	#	88
68) Hexachlorobenzene	11.110	284	253119	42.394	ng		96
69) Atrazine	11.198	200	189930	40.005	ng		96
70) Pentachlorophenol	11.298	266	154377	80.509	ng		97
71) Phenanthrene	11.533	178	983142	40.252	ng		99
72) Anthracene	11.586	178	978178	40.357	ng		98
73) Carbazole	11.733	167	905823	39.078	ng		99
74) Di-n-butylphthalate	12.063	149	1113869	46.424	ng	#	99
75) Fluoranthene	12.721	202	1054245	39.243	ng		99
77) Benzidine	12.839	184	273967	37.907	ng		99
78) Pyrene	12.957	202	1063338	40.877	ng		99
80) Butylbenzylphthalate	13.569	149	404058	47.194	ng		98
81) Benzo(a)anthracene	14.145	228	801226	39.527	ng		98
82) 3,3'-Dichlorobenzidine	14.104	252	243671	40.902	ng		99
83) Chrysene	14.180	228	769871	40.109	ng		99
84) Bis(2-ethylhexyl)phtha...	14.127	149	555361	56.115	ng		97
85) Di-n-octyl phthalate	14.751	149	815244	61.902	ng		97
87) Indeno(1,2,3-cd)pyrene	17.245	276	679862	40.320	ng		99
88) Benzo(b)fluoranthene	15.227	252	637187	40.554	ng		97
89) Benzo(k)fluoranthene	15.257	252	643469	39.505	ng		99
90) Benzo(a)pyrene	15.615	252	539224	41.818	ng		99
91) Dibenzo(a,h)anthracene	17.268	278	552977	39.722	ng		98
92) Benzo(g,h,i)perylene	17.727	276	565080	39.271	ng		98

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

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