Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127114.D
Acq On : 01 Mar 2022 14:07
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 02 00:00:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 01 23:57:09 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/02/2022
Supervised By :Jagrut Upadhyay 03/02/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.893	152	113953	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	440314	20.000	ng	#	0.00
39) Acenaphthene-d10	9.939	164	216984	20.000	ng		0.00
64) Phenanthrene-d10	11.428	188	385183	20.000	ng	#	0.00
76) Chrysene-d12	14.074	240	251808	20.000	ng	#	0.00
86) Perylene-d12	15.568	264	199189	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	588526	79.823	ng		0.00
7) Phenol-d6	6.522	99	783814	78.786	ng		0.00
23) Nitrobenzene-d5	7.463	82	754186	77.313	ng		0.00
42) 2,4,6-Tribromophenol	10.728	330	216966	86.846	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1170738	79.430	ng		0.00
79) Terphenyl-d14	13.016	244	1299676	75.874	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	131502	38.978	ng		99
3) Pyridine	3.452	79	355314	40.152	ng		94
4) n-Nitrosodimethylamine	3.416	42	168186	38.798	ng	#	71
6) Aniline	6.557	93	463458	39.318	ng		98
8) 2-Chlorophenol	6.681	128	316300	39.983	ng		94
9) Benzaldehyde	6.445	77	204322	33.740	ng		98
10) Phenol	6.540	94	398001m	39.593	ng		
11) bis(2-Chloroethyl)ether	6.628	93	299351	37.967	ng		99
12) 1,3-Dichlorobenzene	6.834	146	340711	39.926	ng		99
13) 1,4-Dichlorobenzene	6.910	146	345602	39.948	ng		99
14) 1,2-Dichlorobenzene	7.063	146	323870	39.257	ng		98
15) Benzyl Alcohol	7.034	79	316348	37.745	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.163	45	408694	32.918	ng		92
17) 2-Methylphenol	7.145	107	269938	39.440	ng	#	93
18) Hexachloroethane	7.404	117	130037	39.214	ng		92
19) n-Nitroso-di-n-propyla...	7.304	70	232889	36.329	ng		98
20) 3+4-Methylphenols	7.298	107	342263	38.510	ng		94
22) Acetophenone	7.304	105	445020	38.386	ng	#	97
24) Nitrobenzene	7.481	77	357200	38.762	ng		99
25) Isophorone	7.716	82	600336	37.191	ng	#	97
26) 2-Nitrophenol	7.792	139	165844	42.269	ng	#	82
27) 2,4-Dimethylphenol	7.828	122	248608m	38.570	ng		
28) bis(2-Chloroethoxy)met...	7.922	93	364354	37.232	ng		97
29) 2,4-Dichlorophenol	8.034	162	245601	40.529	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	269169	39.730	ng		99
31) Naphthalene	8.198	128	904511	39.352	ng		99
32) Benzoic acid	7.951	122	199754	43.698	ng		88
33) 4-Chloroaniline	8.245	127	356216	39.373	ng		96
34) Hexachlorobutadiene	8.310	225	156877	39.662	ng		98
35) Caprolactam	8.628	113	82675	39.068	ng		91
36) 4-Chloro-3-methylphenol	8.728	107	303867	39.235	ng		96
37) 2-Methylnaphthalene	8.892	142	564479	37.847	ng		99
38) 1-Methylnaphthalene	8.992	142	541220	37.895	ng		100
40) 1,2,4,5-Tetrachloroben...	9.057	216	233603	40.898	ng		98
41) Hexachlorocyclopentadiene	9.039	237	110940	35.812	ng		97
43) 2,4,6-Trichlorophenol	9.169	196	167759	40.045	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	178383	40.465	ng		95
46) 1,1'-Biphenyl	9.357	154	672835	39.138	ng		96
47) 2-Chloronaphthalene	9.381	162	498881	39.133	ng		94
48) 2-Nitroaniline	9.481	65	195094	38.781	ng		96
49) Acenaphthylene	9.798	152	822771	39.732	ng		98
50) Dimethylphthalate	9.657	163	595322	38.384	ng		99
51) 2,6-Dinitrotoluene	9.722	165	127864	40.521	ng		91
52) Acenaphthene	9.969	154	544184m	40.407	ng		
53) 3-Nitroaniline	9.892	138	158606	41.119	ng		97
54) 2,4-Dinitrophenol	9.998	184	70847	42.418	ng	#	86
55) Dibenzofuran	10.145	168	734789	39.678	ng		92
56) 4-Nitrophenol	10.051	139	116044	40.733	ng	#	79
57) 2,4-Dinitrotoluene	10.128	165	173784	40.732	ng	#	92
58) Fluorene	10.486	166	569389	39.473	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	142735	40.841	ng		95
60) Diethylphthalate	10.351	149	617643	38.111	ng		99
61) 4-Chlorophenyl-phenyle...	10.475	204	265304	39.005	ng		94
62) 4-Nitroaniline	10.510	138	158618	41.643	ng	#	80
63) Azobenzene	10.639	77	664163	36.804	ng		94
65) 4,6-Dinitro-2-methylph...	10.533	198	101143	44.690	ng		88
66) n-Nitrosodiphenylamine	10.598	169	490278	38.817	ng		99
67) 4-Bromophenyl-phenylether	10.969	248	168536	39.161	ng		95
68) Hexachlorobenzene	11.033	284	187388	40.446	ng		93
69) Atrazine	11.122	200	151443	38.660	ng		97
70) Pentachlorophenol	11.228	266	103381	40.877	ng		97
71) Phenanthrene	11.451	178	852918	39.561	ng		100
72) Anthracene	11.504	178	840614	39.166	ng		99
73) Carbazole	11.663	167	785236	39.895	ng		99
74) Di-n-butylphthalate	11.980	149	925317	36.569	ng		98
75) Fluoranthene	12.645	202	823872	40.246	ng		94
77) Benzidine	12.763	184	288037	42.092	ng		97
78) Pyrene	12.874	202	836976	38.259	ng		100
80) Butylbenzylphthalate	13.486	149	374314	36.142	ng		90
81) Benzo(a)anthracene	14.063	228	649203	38.243	ng		99
82) 3,3'-Dichlorobenzidine	14.027	252	208120	38.901	ng	#	95
83) Chrysene	14.104	228	620209	38.851	ng		100
84) Bis(2-ethylhexyl)phtha...	14.039	149	467964	34.416	ng	#	96
85) Di-n-octyl phthalate	14.657	149	674249	34.440	ng		95
87) Indeno(1,2,3-cd)pyrene	17.086	276	524907	40.189	ng	#	86
88) Benzo(b)fluoranthene	15.127	252	507839	37.960	ng	#	93
89) Benzo(k)fluoranthene	15.157	252	510661	39.575	ng	#	95
90) Benzo(a)pyrene	15.504	252	410755	39.308	ng	#	94
91) Dibenzo(a,h)anthracene	17.104	278	428067	39.628	ng	#	91
92) Benzo(g,h,i)perylene	17.551	276	417645	39.217	ng	#	85

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

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