Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081422\
Data File : BF129780.D
Acq On : 15 Aug 2022 00:34
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2022
Supervised By :Sohil Jodhani 08/18/2022

Quant Time: Aug 15 03:04:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 15 02:28:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	177428	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	687224	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	368701	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	626819	20.000	ng	0.00
76) Chrysene-d12	14.004	240	394151	20.000	ng	0.00
86) Perylene-d12	15.468	264	307519	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	794131	74.106	ng	0.00
7) Phenol-d6	6.481	99	982463	73.211	ng	0.00
23) Nitrobenzene-d5	7.398	82	943721	73.512	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	271963	73.494	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1752098	72.175	ng	0.00
79) Terphenyl-d14	12.939	244	1802525	76.095	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.551	88	166014	37.550	ng	99
3) Pyridine	3.322	79	446169	38.563	ng	99
4) n-Nitrosodimethylamine	3.287	42	204927	38.433	ng	98
6) Aniline	6.492	93	554399	36.247	ng	98
8) 2-Chlorophenol	6.622	128	439733	36.860	ng	99
9) Benzaldehyde	6.381	77	290175	40.462	ng	99
10) Phenol	6.492	94	541273	36.771	ng	100
11) bis(2-Chloroethyl)ether	6.563	93	419072	37.490	ng	99
12) 1,3-Dichlorobenzene	6.763	146	482537	37.467	ng	98
13) 1,4-Dichlorobenzene	6.839	146	485605	36.902	ng	99
14) 1,2-Dichlorobenzene	6.992	146	449440	36.773	ng	99
15) Benzyl Alcohol	6.981	79	355747	35.115	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	554661	37.031	ng	99
17) 2-Methylphenol	7.092	107	357787	37.352	ng	99
18) Hexachloroethane	7.328	117	186064	37.652	ng	99
19) n-Nitroso-di-n-propyla...	7.245	70	316557	37.319	ng	95
20) 3+4-Methylphenols	7.251	107	473908	36.857	ng	97
22) Acetophenone	7.239	105	614053	36.666	ng	98
24) Nitrobenzene	7.416	77	468613	36.200	ng	99
25) Isophorone	7.651	82	815397	36.903	ng	99
26) 2-Nitrophenol	7.728	139	242483	38.082	ng	99
27) 2,4-Dimethylphenol	7.769	122	335394	36.729	ng	97
28) bis(2-Chloroethoxy)met...	7.857	93	475696	36.872	ng	98
29) 2,4-Dichlorophenol	7.981	162	372269	37.283	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	387757	36.811	ng	99
31) Naphthalene	8.128	128	1316634	36.642	ng	99
32) Benzoic acid	7.922	122	156524	40.388	ng	98
33) 4-Chloroaniline	8.186	127	512466	36.267	ng	99
34) Hexachlorobutadiene	8.239	225	237958	37.099	ng	98
35) Caprolactam	8.575	113	116217m	37.428	ng	
36) 4-Chloro-3-methylphenol	8.681	107	393269	36.508	ng	99
37) 2-Methylnaphthalene	8.822	142	862111	36.556	ng	100
38) 1-Methylnaphthalene	8.922	142	835065	36.434	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	373103	36.383	ng	99
41) Hexachlorocyclopentadiene	8.963	237	91541	40.905	ng	97
43) 2,4,6-Trichlorophenol	9.110	196	243303	36.517	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	268518	37.460	ng		100
46) 1,1'-Biphenyl	9.286	154	1018698	36.369	ng		99
47) 2-Chloronaphthalene	9.310	162	807624	36.441	ng		98
48) 2-Nitroaniline	9.416	65	264252	37.730	ng		99
49) Acenaphthylene	9.727	152	1218381	36.254	ng		100
50) Dimethylphthalate	9.586	163	964644	36.497	ng		99
51) 2,6-Dinitrotoluene	9.657	165	214065	37.336	ng		99
52) Acenaphthene	9.898	154	747780	36.675	ng		99
53) 3-Nitroaniline	9.833	138	225480	35.561	ng		95
54) 2,4-Dinitrophenol	9.945	184	90441	37.975	ng		98
55) Dibenzofuran	10.069	168	1105001	36.073	ng		95
56) 4-Nitrophenol	10.022	139	96986	34.382	ng		97
57) 2,4-Dinitrotoluene	10.069	165	272075	36.555	ng		98
58) Fluorene	10.416	166	920305	35.982	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.198	232	209229	39.773	ng	#	82
60) Diethylphthalate	10.286	149	957771	36.342	ng		100
61) 4-Chlorophenyl-phenyle...	10.404	204	423157	36.867	ng		99
62) 4-Nitroaniline	10.451	138	230139m	35.978	ng		
63) Azobenzene	10.563	77	926923	36.796	ng		99
65) 4,6-Dinitro-2-methylph...	10.480	198	151011	41.038	ng		98
66) n-Nitrosodiphenylamine	10.527	169	780055	36.871	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	273076	37.195	ng		99
68) Hexachlorobenzene	10.963	284	300913	37.838	ng		97
69) Atrazine	11.057	200	242314	37.317	ng		98
70) Pentachlorophenol	11.169	266	70751m	32.939	ng		
71) Phenanthrene	11.380	178	1278465	36.520	ng		100
72) Anthracene	11.433	178	1261787	36.244	ng		100
73) Carbazole	11.592	167	1138792	36.035	ng		99
74) Di-n-butylphthalate	11.904	149	1508730	37.095	ng		100
75) Fluoranthene	12.569	202	1299790	36.284	ng		97
77) Benzidine	12.692	184	381999	39.755	ng		99
78) Pyrene	12.804	202	1307803	38.182	ng		99
80) Butylbenzylphthalate	13.410	149	561408	38.736	ng		100
81) Benzo(a)anthracene	13.992	228	989193	36.483	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	299796	35.701	ng		98
83) Chrysene	14.033	228	923167	36.373	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	658284	38.284	ng		99
85) Di-n-octyl phthalate	14.574	149	880220	37.083	ng		100
87) Indeno(1,2,3-cd)pyrene	16.956	276	840515	39.813	ng		99
88) Benzo(b)fluoranthene	15.039	252	771455	36.636	ng		99
89) Benzo(k)fluoranthene	15.068	252	705028	34.912	ng		98
90) Benzo(a)pyrene	15.409	252	602946	36.360	ng		100
91) Dibenzo(a,h)anthracene	16.962	278	698116	40.077	ng		99
92) Benzo(g,h,i)perylene	17.403	276	690367	39.725	ng		98

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

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