Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
Data File : BF129605.D
Acq On : 05 Aug 2022 17:44
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 08 01:57:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 16:27:34 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	205182	20.000	ng		0.00
21) Naphthalene-d8	8.133	136	818087	20.000	ng		0.00
39) Acenaphthene-d10	9.892	164	441096	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	749189	20.000	ng		0.00
76) Chrysene-d12	14.027	240	463083	20.000	ng		0.00
86) Perylene-d12	15.498	264	372810	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	978171	77.660	ng		0.00
7) Phenol-d6	6.504	99	1255673	79.313	ng		0.00
23) Nitrobenzene-d5	7.422	82	1217337	81.229	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	361394	85.218	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	2160190	75.759	ng		0.00
79) Terphenyl-d14	12.963	244	2208435	89.971	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.610	88	212372	37.370	ng		88
3) Pyridine	3.387	79	571550	36.216	ng		89
4) n-Nitrosodimethylamine	3.351	42	271740	39.211	ng	#	90
6) Aniline	6.522	93	717963	36.479	ng	#	88
8) 2-Chlorophenol	6.645	128	555375	40.359	ng		95
9) Benzaldehyde	6.404	77	383639	35.682	ng		97
10) Phenol	6.516	94	684584m	40.605	ng		
11) bis(2-Chloroethyl)ether	6.587	93	542197	40.551	ng		94
12) 1,3-Dichlorobenzene	6.792	146	598376	40.544	ng		97
13) 1,4-Dichlorobenzene	6.869	146	603781	40.226	ng		99
14) 1,2-Dichlorobenzene	7.022	146	561280	40.683	ng		98
15) Benzyl Alcohol	6.998	79	481567	41.940	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	732279	36.435	ng	#	46
17) 2-Methylphenol	7.116	107	453362	39.713	ng	#	91
18) Hexachloroethane	7.357	117	234512	41.494	ng		89
19) n-Nitroso-di-n-propyla...	7.269	70	398459	41.573	ng		91
20) 3+4-Methylphenols	7.269	107	572703	39.456	ng	#	86
22) Acetophenone	7.263	105	769094	40.379	ng		97
24) Nitrobenzene	7.439	77	609870	39.519	ng		98
25) Isophorone	7.675	82	1087683	40.490	ng		99
26) 2-Nitrophenol	7.751	139	311760	40.950	ng		96
27) 2,4-Dimethylphenol	7.792	122	458020m	40.107	ng		
28) bis(2-Chloroethoxy)met...	7.881	93	625562	40.143	ng		100
29) 2,4-Dichlorophenol	7.998	162	472083	40.051	ng		100
30) 1,2,4-Trichlorobenzene	8.075	180	496867	40.725	ng		97
31) Naphthalene	8.157	128	1653542	39.783	ng		99
32) Benzoic acid	7.933	122	259206	31.397	ng		97
33) 4-Chloroaniline	8.210	127	657803	38.549	ng		97
34) Hexachlorobutadiene	8.263	225	297607	42.913	ng		99
35) Caprolactam	8.598	113	158755m	41.428	ng		
36) 4-Chloro-3-methylphenol	8.698	107	519463	41.552	ng		97
37) 2-Methylnaphthalene	8.845	142	1089186	40.324	ng		100
38) 1-Methylnaphthalene	8.945	142	1068147	40.965	ng		99
40) 1,2,4,5-Tetrachloroben...	9.010	216	475154	41.024	ng		99
41) Hexachlorocyclopentadiene	8.992	237	217419	42.156	ng		99
43) 2,4,6-Trichlorophenol	9.128	196	335016	39.825	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	365145	39.914	ng	#	93
46) 1,1'-Biphenyl	9.310	154	1304947	40.537	ng		99
47) 2-Chloronaphthalene	9.339	162	1039481	39.944	ng		99
48) 2-Nitroaniline	9.439	65	343904	39.742	ng		93
49) Acenaphthylene	9.751	152	1590634	40.226	ng		99
50) Dimethylphthalate	9.616	163	1290163	42.370	ng		99
51) 2,6-Dinitrotoluene	9.680	165	282200	41.406	ng		97
52) Acenaphthene	9.927	154	1041987m	40.345	ng		
53) 3-Nitroaniline	9.857	138	305489	37.959	ng	#	91
54) 2,4-Dinitrophenol	9.963	184	143758	41.319	ng	#	87
55) Dibenzofuran	10.098	168	1424832	40.020	ng		96
56) 4-Nitrophenol	10.027	139	198550	33.441	ng		95
57) 2,4-Dinitrotoluene	10.086	165	362630	40.730	ng		99
58) Fluorene	10.439	166	1173117	41.181	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	277606m	39.267	ng		
60) Diethylphthalate	10.310	149	1252551	42.552	ng		100
61) 4-Chlorophenyl-phenyle...	10.427	204	531282	42.304	ng	#	88
62) 4-Nitroaniline	10.474	138	305882	38.314	ng		96
63) Azobenzene	10.592	77	1203544	40.087	ng		96
65) 4,6-Dinitro-2-methylph...	10.498	198	202096	42.738	ng		94
66) n-Nitrosodiphenylamine	10.551	169	1006218	40.330	ng		97
67) 4-Bromophenyl-phenylether	10.922	248	350992	42.784	ng		98
68) Hexachlorobenzene	10.986	284	382482	43.028	ng		97
69) Atrazine	11.080	200	312543	41.242	ng		97
70) Pentachlorophenol	11.186	266	167931	34.751	ng		98
71) Phenanthrene	11.404	178	1621420	39.647	ng		100
72) Anthracene	11.457	178	1610344	40.069	ng		99
73) Carbazole	11.616	167	1445276	38.203	ng		100
74) Di-n-butylphthalate	11.933	149	1927955	42.793	ng		99
75) Fluoranthene	12.598	202	1629934	39.335	ng		99
77) Benzidine	12.716	184	608232	37.179	ng		100
78) Pyrene	12.827	202	1640507	42.364	ng		100
80) Butylbenzylphthalate	13.433	149	763534	45.458	ng		99
81) Benzo(a)anthracene	14.015	228	1285497	40.638	ng		99
82) 3,3'-Dichlorobenzidine	13.974	252	408408	39.104	ng	#	97
83) Chrysene	14.057	228	1196040	40.118	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	1025322	46.367	ng		99
85) Di-n-octyl phthalate	14.598	149	1493953	46.948	ng		96
87) Indeno(1,2,3-cd)pyrene	16.986	276	1055358	42.037	ng		99
88) Benzo(b)fluoranthene	15.068	252	1014487	41.023	ng		100
89) Benzo(k)fluoranthene	15.098	252	994405	41.033	ng		100
90) Benzo(a)pyrene	15.439	252	812912	40.494	ng		100
91) Dibenzo(a,h)anthracene	17.003	278	871252	42.638	ng		100
92) Benzo(g,h,i)perylene	17.439	276	875551	41.933	ng		99

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

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