Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
Data File : BF126922.D
Acq On : 17 Feb 2022 12:33
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 17 17:07:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 16 14:55:48 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.934	152	115003	20.000	ng		0.00
21) Naphthalene-d8	8.216	136	460187	20.000	ng	#	0.00
39) Acenaphthene-d10	9.975	164	233082	20.000	ng		0.00
64) Phenanthrene-d10	11.463	188	410374	20.000	ng		0.00
76) Chrysene-d12	14.110	240	258740	20.000	ng	#	0.00
86) Perylene-d12	15.610	264	189757	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.546	112	584485	78.551	ng		0.00
7) Phenol-d6	6.557	99	785886	78.273	ng		0.00
23) Nitrobenzene-d5	7.498	82	777196	76.231	ng		0.00
42) 2,4,6-Tribromophenol	10.763	330	211929	78.971	ng		0.00
45) 2-Fluorobiphenyl	9.292	172	1196360	75.563	ng		0.00
79) Terphenyl-d14	13.051	244	1357717	77.139	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	138155	40.576	ng		97
3) Pyridine	3.516	79	361525	40.481	ng		92
4) n-Nitrosodimethylamine	3.487	42	171495	39.201	ng	#	75
6) Aniline	6.598	93	470257	39.530	ng		96
8) 2-Chlorophenol	6.716	128	314791	39.429	ng		100
9) Benzaldehyde	6.487	77	214502	35.097	ng		97
10) Phenol	6.569	94	401733	39.599	ng		87
11) bis(2-Chloroethyl)ether	6.669	93	308550	38.777	ng		98
12) 1,3-Dichlorobenzene	6.875	146	339159	39.382	ng		99
13) 1,4-Dichlorobenzene	6.951	146	342570	39.236	ng		98
14) 1,2-Dichlorobenzene	7.104	146	321488	38.612	ng		100
15) Benzyl Alcohol	7.069	79	331750	39.221	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.204	45	473594	37.798	ng		96
17) 2-Methylphenol	7.175	107	269747	39.052	ng	#	94
18) Hexachloroethane	7.445	117	132609	39.624	ng		93
19) n-Nitroso-di-n-propyla...	7.345	70	248672	38.437	ng		98
20) 3+4-Methylphenols	7.334	107	348387	38.841	ng	#	86
22) Acetophenone	7.345	105	453978	37.468	ng	#	94
24) Nitrobenzene	7.516	77	368951	38.308	ng		92
25) Isophorone	7.751	82	632766	37.507	ng		99
26) 2-Nitrophenol	7.834	139	162490	39.625	ng	#	90
27) 2,4-Dimethylphenol	7.857	122	254774	37.820	ng		90
28) bis(2-Chloroethoxy)met...	7.963	93	387470	37.884	ng		98
29) 2,4-Dichlorophenol	8.069	162	242469	38.284	ng		98
30) 1,2,4-Trichlorobenzene	8.157	180	270480	38.199	ng		99
31) Naphthalene	8.239	128	913099	38.010	ng		99
32) Benzoic acid	7.975	122	190529	39.880	ng		85
33) 4-Chloroaniline	8.287	127	360180	38.092	ng		98
34) Hexachlorobutadiene	8.351	225	157019	37.984	ng		97
35) Caprolactam	8.663	113	85870	38.825	ng		92
36) 4-Chloro-3-methylphenol	8.757	107	313028	38.673	ng		94
37) 2-Methylnaphthalene	8.928	142	588423	37.749	ng		97
38) 1-Methylnaphthalene	9.028	142	565995	37.918	ng		97
40) 1,2,4,5-Tetrachloroben...	9.092	216	235825	38.436	ng		99
41) Hexachlorocyclopentadiene	9.075	237	134627	40.457	ng		97
43) 2,4,6-Trichlorophenol	9.204	196	172348	38.299	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.239	196	181782	38.388	ng		95
46) 1,1'-Biphenyl	9.392	154	703904	38.118	ng		98
47) 2-Chloronaphthalene	9.422	162	525862	38.400	ng		96
48) 2-Nitroaniline	9.516	65	211607	39.158	ng		97
49) Acenaphthylene	9.839	152	860041	38.663	ng		98
50) Dimethylphthalate	9.692	163	633959	38.052	ng	#	98
51) 2,6-Dinitrotoluene	9.757	165	132119	38.978	ng		90
52) Acenaphthene	10.010	154	559737	38.692	ng		96
53) 3-Nitroaniline	9.928	138	161156	38.894	ng		98
54) 2,4-Dinitrophenol	10.028	184	73675	41.065	ng	#	88
55) Dibenzofuran	10.181	168	758201	38.115	ng		90
56) 4-Nitrophenol	10.075	139	123191	40.255	ng	#	75
57) 2,4-Dinitrotoluene	10.157	165	182972	39.924	ng	#	96
58) Fluorene	10.522	166	592059	38.209	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	143692	38.275	ng		98
60) Diethylphthalate	10.392	149	666210	38.269	ng		99
61) 4-Chlorophenyl-phenyle...	10.510	204	281434	38.518	ng		93
62) 4-Nitroaniline	10.545	138	164456	40.194	ng	#	82
63) Azobenzene	10.675	77	738101	38.076	ng		94
65) 4,6-Dinitro-2-methylph...	10.569	198	102137	42.359	ng		98
66) n-Nitrosodiphenylamine	10.633	169	516582	38.389	ng		98
67) 4-Bromophenyl-phenylether	11.004	248	181312	39.544	ng		93
68) Hexachlorobenzene	11.069	284	194027	39.308	ng		94
69) Atrazine	11.157	200	162566	38.952	ng		97
70) Pentachlorophenol	11.263	266	112185	41.635	ng		97
71) Phenanthrene	11.492	178	887962	38.658	ng		99
72) Anthracene	11.539	178	880211	38.494	ng		99
73) Carbazole	11.692	167	817038	38.963	ng		98
74) Di-n-butylphthalate	12.016	149	1060899	39.354	ng		98
75) Fluoranthene	12.680	202	869260	39.857	ng		95
77) Benzidine	12.798	184	282110m	40.121	ng		
78) Pyrene	12.910	202	859358	38.229	ng		99
80) Butylbenzylphthalate	13.521	149	425876	40.019	ng		91
81) Benzo(a)anthracene	14.098	228	681084	39.046	ng		100
82) 3,3'-Dichlorobenzidine	14.057	252	217971	39.651	ng	#	98
83) Chrysene	14.133	228	635111	38.719	ng		98
84) Bis(2-ethylhexyl)phtha...	14.074	149	558183	39.952	ng	#	97
85) Di-n-octyl phthalate	14.692	149	786694	39.107	ng		98
87) Indeno(1,2,3-cd)pyrene	17.145	276	517793	41.615	ng	#	88
88) Benzo(b)fluoranthene	15.163	252	500094	39.239	ng	#	96
89) Benzo(k)fluoranthene	15.198	252	494514	40.228	ng	#	95
90) Benzo(a)pyrene	15.545	252	390055	39.182	ng	#	95
91) Dibenzo(a,h)anthracene	17.162	278	420594	40.871	ng	#	94
92) Benzo(g,h,i)perylene	17.615	276	427697	42.158	ng	#	87

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

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