Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
Data File : BF133113.D
Acq On : 28 Apr 2023 09:45
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 28 10:41:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 02:00:53 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

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05/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.739	152	198535	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	770653	20.000	ng		0.00
39) Acenaphthene-d10	9.774	164	402568	20.000	ng		0.00
64) Phenanthrene-d10	11.257	188	728942	20.000	ng		0.00
76) Chrysene-d12	13.892	240	481262	20.000	ng		0.00
86) Perylene-d12	15.309	264	419069	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.345	112	962941	73.268	ng		0.00
7) Phenol-d6	6.381	99	1204170	73.817	ng		0.00
23) Nitrobenzene-d5	7.304	82	1075408	75.322	ng		0.00
42) 2,4,6-Tribromophenol	10.563	330	323065	79.797	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	1840119	76.472	ng		0.00
79) Terphenyl-d14	12.845	244	2004342	71.828	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.393	88	218277	35.806	ng		96
3) Pyridine	3.093	79	655488	40.484	ng		97
4) n-Nitrosodimethylamine	3.051	42	305277	36.401	ng		97
6) Aniline	6.404	93	760940	36.217	ng		98
8) 2-Chlorophenol	6.522	128	495835	37.158	ng		100
9) Benzaldehyde	6.281	77	292475	38.269	ng		98
10) Phenol	6.398	94	649255	36.078	ng	#	64
11) bis(2-Chloroethyl)ether	6.475	93	484091	35.847	ng		99
12) 1,3-Dichlorobenzene	6.681	146	522397	36.822	ng		97
13) 1,4-Dichlorobenzene	6.757	146	527350	37.088	ng		97
14) 1,2-Dichlorobenzene	6.910	146	490705	37.433	ng		97
15) Benzyl Alcohol	6.886	79	397145	35.244	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.022	45	776911	33.123	ng		93
17) 2-Methylphenol	7.004	107	473602	38.760	ng		98
18) Hexachloroethane	7.251	117	182085	36.834	ng		97
19) n-Nitroso-di-n-propyla...	7.157	70	348155	34.282	ng		97
20) 3+4-Methylphenols	7.157	107	544987	37.873	ng	#	88
22) Acetophenone	7.151	105	670491	37.559	ng		98
24) Nitrobenzene	7.322	77	542188	37.476	ng		97
25) Isophorone	7.563	82	997295	36.790	ng		98
26) 2-Nitrophenol	7.639	139	289669	41.510	ng		92
27) 2,4-Dimethylphenol	7.686	122	460829	38.512	ng		97
28) bis(2-Chloroethoxy)met...	7.775	93	574290	35.811	ng		99
29) 2,4-Dichlorophenol	7.886	162	424879	39.005	ng		98
30) 1,2,4-Trichlorobenzene	7.963	180	435606	38.600	ng		98
31) Naphthalene	8.045	128	1454294	37.744	ng		100
32) Benzoic acid	7.804	122	331347m	44.830	ng		
33) 4-Chloroaniline	8.098	127	633116	40.668	ng		97
34) Hexachlorobutadiene	8.163	225	235084	37.586	ng		100
35) Caprolactam	8.475	113	147888	40.414	ng	#	87
36) 4-Chloro-3-methylphenol	8.580	107	462146	39.343	ng		97
37) 2-Methylnaphthalene	8.733	142	990303	37.594	ng		98
38) 1-Methylnaphthalene	8.833	142	935911	37.979	ng		99
40) 1,2,4,5-Tetrachloroben...	8.904	216	402044	37.144	ng		99
41) Hexachlorocyclopentadiene	8.892	237	236047	37.393	ng		96
43) 2,4,6-Trichlorophenol	9.016	196	287826	38.451	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	335918	38.802	ng		97
46) 1,1'-Biphenyl	9.198	154	1177476	36.886	ng		100
47) 2-Chloronaphthalene	9.222	162	871479	37.299	ng		98
48) 2-Nitroaniline	9.316	65	292428	37.870	ng		93
49) Acenaphthylene	9.639	152	1400499	37.514	ng		99
50) Dimethylphthalate	9.504	163	1059711	37.752	ng		99
51) 2,6-Dinitrotoluene	9.563	165	248698	39.364	ng	#	85
52) Acenaphthene	9.810	154	947963	37.912	ng		99
53) 3-Nitroaniline	9.733	138	294503	39.204	ng		96
54) 2,4-Dinitrophenol	9.833	184	137069	43.162	ng		93
55) Dibenzofuran	9.980	168	1268138	37.180	ng		99
56) 4-Nitrophenol	9.892	139	221150	38.010	ng		94
57) 2,4-Dinitrotoluene	9.963	165	328871	40.818	ng		93
58) Fluorene	10.322	166	946624	37.882	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.098	232	249861	37.228	ng		99
60) Diethylphthalate	10.198	149	992231	37.423	ng		100
61) 4-Chlorophenyl-phenyle...	10.316	204	458648	37.663	ng		98
62) 4-Nitroaniline	10.345	138	292532	42.369	ng		95
63) Azobenzene	10.474	77	982145	34.967	ng		99
65) 4,6-Dinitro-2-methylph...	10.374	198	194100	43.931	ng		99
66) n-Nitrosodiphenylamine	10.433	169	871233	36.846	ng		98
67) 4-Bromophenyl-phenylether	10.804	248	287233	36.332	ng		98
68) Hexachlorobenzene	10.869	284	306827	37.875	ng		96
69) Atrazine	10.963	200	264669	38.847	ng		99
70) Pentachlorophenol	11.063	266	218225	37.824	ng		98
71) Phenanthrene	11.280	178	1427290	36.430	ng		100
72) Anthracene	11.333	178	1459450	36.400	ng		99
73) Carbazole	11.486	167	1335333	37.403	ng		100
74) Di-n-butylphthalate	11.821	149	1526743	37.789	ng		99
75) Fluoranthene	12.468	202	1468383	37.344	ng		98
77) Benzidine	12.586	184	372437m	45.763	ng		
78) Pyrene	12.692	202	1513089	36.676	ng		100
80) Butylbenzylphthalate	13.315	149	632987	43.333	ng		95
81) Benzo(a)anthracene	13.880	228	1201919	36.317	ng		99
82) 3,3'-Dichlorobenzidine	13.845	252	393669	43.059	ng		99
83) Chrysene	13.921	228	1206842	36.475	ng		99
84) Bis(2-ethylhexyl)phtha...	13.880	149	726416	39.619	ng		100
85) Di-n-octyl phthalate	14.492	149	1239849	41.472	ng		96
87) Indeno(1,2,3-cd)pyrene	16.692	276	960837	40.308	ng		100
88) Benzo(b)fluoranthene	14.904	252	1039224	38.980	ng		98
89) Benzo(k)fluoranthene	14.933	252	944156	35.725	ng		98
90) Benzo(a)pyrene	15.251	252	908756	37.449	ng		98
91) Dibenzo(a,h)anthracene	16.709	278	793948	39.934	ng		100
92) Benzo(g,h,i)perylene	17.109	276	799276	40.721	ng		99

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

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