Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041923\
Data File : BF132914.D
Acq On : 19 Apr 2023 16:23
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 20 01:46:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 04:51:21 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/24/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.769	152	337258	20.000	ng		0.00
21) Naphthalene-d8	8.051	136	1301004	20.000	ng		0.00
39) Acenaphthene-d10	9.804	164	661395	20.000	ng		0.00
64) Phenanthrene-d10	11.286	188	1142374	20.000	ng		0.00
76) Chrysene-d12	13.927	240	748323	20.000	ng		0.00
86) Perylene-d12	15.351	264	717063	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	1790854	83.032	ng		0.00
7) Phenol-d6	6.398	99	2293997	83.351	ng		0.00
23) Nitrobenzene-d5	7.333	82	2069553	82.917	ng		0.00
42) 2,4,6-Tribromophenol	10.592	330	594809	89.663	ng		0.00
45) 2-Fluorobiphenyl	9.133	172	3277782	76.133	ng		0.00
79) Terphenyl-d14	12.874	244	3578468	81.584	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.451	88	438172	41.634	ng		99
3) Pyridine	3.157	79	1209167	42.009	ng		98
4) n-Nitrosodimethylamine	3.116	42	582260	42.573	ng		100
6) Aniline	6.434	93	1546214	42.363	ng		98
8) 2-Chlorophenol	6.551	128	909642	41.572	ng		98
9) Benzaldehyde	6.316	77	638381	39.202	ng		99
10) Phenol	6.410	94	1289555	41.672	ng		98
11) bis(2-Chloroethyl)ether	6.504	93	960681	41.106	ng		99
12) 1,3-Dichlorobenzene	6.710	146	973642	40.483	ng		98
13) 1,4-Dichlorobenzene	6.786	146	965692	40.072	ng		98
14) 1,2-Dichlorobenzene	6.939	146	903994	40.176	ng		99
15) Benzyl Alcohol	6.910	79	837562	44.405	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	1716266	42.441	ng		100
17) 2-Methylphenol	7.022	107	842549	42.041	ng		98
18) Hexachloroethane	7.281	117	342779	40.986	ng		97
19) n-Nitroso-di-n-propyla...	7.192	70	715381	41.643	ng		98
20) 3+4-Methylphenols	7.181	107	975554	41.184	ng	#	81
22) Acetophenone	7.181	105	1218040	39.909	ng		98
24) Nitrobenzene	7.351	77	1060089	41.438	ng		99
25) Isophorone	7.592	82	1960170	41.403	ng		99
26) 2-Nitrophenol	7.669	139	488121	50.578	ng		98
27) 2,4-Dimethylphenol	7.710	122	816387	41.469	ng		99
28) bis(2-Chloroethoxy)met...	7.804	93	1155893	40.835	ng		100
29) 2,4-Dichlorophenol	7.910	162	769736	42.007	ng		99
30) 1,2,4-Trichlorobenzene	7.992	180	800444	40.456	ng		99
31) Naphthalene	8.075	128	2641718	40.181	ng		100
32) Benzoic acid	7.828	122	517386m	52.408	ng		
33) 4-Chloroaniline	8.122	127	1136385	42.202	ng		100
34) Hexachlorobutadiene	8.198	225	459277	40.576	ng		99
35) Caprolactam	8.504	113	258611	47.391	ng		94
36) 4-Chloro-3-methylphenol	8.604	107	815300	42.390	ng		95
37) 2-Methylnaphthalene	8.769	142	1799582	39.768	ng		99
38) 1-Methylnaphthalene	8.863	142	1679052	39.822	ng		100
40) 1,2,4,5-Tetrachloroben...	8.933	216	752612	40.231	ng		100
41) Hexachlorocyclopentadiene	8.922	237	443712	45.000	ng		99
43) 2,4,6-Trichlorophenol	9.039	196	518068	43.687	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	591543	42.659	ng	99
46) 1,1'-Biphenyl	9.233	154	2083622	39.740	ng	99
47) 2-Chloronaphthalene	9.257	162	1574567	40.582	ng	99
48) 2-Nitroaniline	9.345	65	544321	48.494	ng	99
49) Acenaphthylene	9.669	152	2487389	40.194	ng	99
50) Dimethylphthalate	9.533	163	1885887	41.243	ng	100
51) 2,6-Dinitrotoluene	9.592	165	441079	43.996	ng	99
52) Acenaphthene	9.839	154	1613631	40.464	ng	99
53) 3-Nitroaniline	9.757	138	512422	44.916	ng	98
54) 2,4-Dinitrophenol	9.857	184	198759	50.893	ng	99
55) Dibenzofuran	10.010	168	2266373	40.057	ng	100
56) 4-Nitrophenol	9.910	139	374907	44.239	ng	96
57) 2,4-Dinitrotoluene	9.992	165	566013	45.744	ng	99
58) Fluorene	10.357	166	1627387	39.266	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.127	232	457809	42.539	ng	99
60) Diethylphthalate	10.233	149	1824467	42.699	ng	99
61) 4-Chlorophenyl-phenyle...	10.345	204	839875	39.841	ng	93
62) 4-Nitroaniline	10.374	138	483126	44.059	ng	98
63) Azobenzene	10.510	77	1960015	41.065	ng	99
65) 4,6-Dinitro-2-methylph...	10.398	198	274702	50.211	ng	98
66) n-Nitrosodiphenylamine	10.469	169	1533584	41.220	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	540332	41.421	ng	99
68) Hexachlorobenzene	10.904	284	563395	41.629	ng	99
69) Atrazine	10.992	200	457478	43.992	ng	99
70) Pentachlorophenol	11.092	266	383138	43.872	ng	100
71) Phenanthrene	11.316	178	2427195	39.501	ng	100
72) Anthracene	11.363	178	2499577	39.737	ng	100
73) Carbazole	11.516	167	2207519	40.559	ng	100
74) Di-n-butylphthalate	11.857	149	2657236	45.543	ng	100
75) Fluoranthene	12.498	202	2460232	40.262	ng	100
77) Benzidine	12.615	184	671266	57.584	ng	96
78) Pyrene	12.727	202	2497827	40.821	ng	100
80) Butylbenzylphthalate	13.351	149	822271	54.864	ng	94
81) Benzo(a)anthracene	13.910	228	2093643	41.139	ng	99
82) 3,3'-Dichlorobenzidine	13.880	252	640983	52.068	ng	99
83) Chrysene	13.951	228	2057235	40.671	ng	100
84) Bis(2-ethylhexyl)phtha...	13.915	149	1156604	59.756	ng	100
85) Di-n-octyl phthalate	14.527	149	2197376	51.669	ng	96
87) Indeno(1,2,3-cd)pyrene	16.750	276	1690434	41.257	ng	100
88) Benzo(b)fluoranthene	14.945	252	1900423	42.547	ng	99
89) Benzo(k)fluoranthene	14.974	252	1865166	41.919	ng	98
90) Benzo(a)pyrene	15.292	252	1751888	42.931	ng	99
91) Dibenzo(a,h)anthracene	16.768	278	1440306	41.255	ng	98
92) Benzo(g,h,i)perylene	17.174	276	1395153	41.738	ng	99

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

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