Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
Data File : BF135958.D
Acq On : 26 Oct 2023 10:24
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 26 12:01:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 26 03:58:01 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	180960	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	695567	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	348577	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	631105	20.000	ng	0.00
76) Chrysene-d12	14.010	240	435837	20.000	ng	0.00
86) Perylene-d12	15.492	264	410965	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	921039	78.594	ng	0.00
7) Phenol-d6	6.457	99	1150313	78.844	ng	0.00
23) Nitrobenzene-d5	7.392	82	938794	86.910	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	265022	86.862	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1719865	79.005	ng	0.00
79) Terphenyl-d14	12.957	244	2024655	77.615	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.610	88	213717	39.259	ng	97
3) Pyridine	3.363	79	586965	39.065	ng	99
4) n-Nitrosodimethylamine	3.334	42	254986	38.920	ng	98
6) Aniline	6.493	93	761942	38.785	ng	99
8) 2-Chlorophenol	6.610	128	485592	40.026	ng	98
9) Benzaldehyde	6.375	77	308022	39.028	ng	98
10) Phenol	6.469	94	587690m	38.531	ng	
11) bis(2-Chloroethyl)ether	6.569	93	467190	39.352	ng	99
12) 1,3-Dichlorobenzene	6.763	146	501451	38.914	ng	99
13) 1,4-Dichlorobenzene	6.845	146	499048	38.561	ng	98
14) 1,2-Dichlorobenzene	6.992	146	463636	38.579	ng	97
15) Benzyl Alcohol	6.969	79	374668	36.327	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	658465	37.661	ng	99
17) 2-Methylphenol	7.075	107	423252	39.584	ng	99
18) Hexachloroethane	7.334	117	175254	39.825	ng	99
19) n-Nitroso-di-n-propyla...	7.240	70	318147	38.347	ng	98
20) 3+4-Methylphenols	7.228	107	502917	38.971	ng	99
22) Acetophenone	7.234	105	624907	39.778	ng	100
24) Nitrobenzene	7.410	77	487538	42.630	ng	99
25) Isophorone	7.645	82	878527	39.958	ng	99
26) 2-Nitrophenol	7.722	139	204466	50.021	ng	96
27) 2,4-Dimethylphenol	7.757	122	424215	42.335	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	535080	39.632	ng	98
29) 2,4-Dichlorophenol	7.963	162	386286	43.049	ng	96
30) 1,2,4-Trichlorobenzene	8.045	180	412868	40.638	ng	98
31) Naphthalene	8.128	128	1351085	40.176	ng	99
32) Benzoic acid	7.869	122	261128m	51.817	ng	
33) 4-Chloroaniline	8.175	127	601665	40.479	ng	99
34) Hexachlorobutadiene	8.245	225	231401	40.409	ng	100
35) Caprolactam	8.551	113	130180	43.596	ng	98
36) 4-Chloro-3-methylphenol	8.657	107	408985	42.890	ng	96
37) 2-Methylnaphthalene	8.822	142	902864	40.578	ng	100
38) 1-Methylnaphthalene	8.916	142	838877	40.349	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	402304	40.863	ng	99
41) Hexachlorocyclopentadiene	8.975	237	212869	43.850	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	246567	42.790	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	302579	44.226	ng		98
46) 1,1'-Biphenyl	9.286	154	1064142	40.289	ng		100
47) 2-Chloronaphthalene	9.310	162	797754	40.834	ng		99
48) 2-Nitroaniline	9.404	65	246180	46.542	ng		99
49) Acenaphthylene	9.728	152	1264977	41.043	ng		99
50) Dimethylphthalate	9.592	163	922858	40.825	ng		99
51) 2,6-Dinitrotoluene	9.651	165	205615	44.293	ng	#	81
52) Acenaphthene	9.898	154	814716	41.247	ng		98
53) 3-Nitroaniline	9.816	138	242310	43.666	ng		95
54) 2,4-Dinitrophenol	9.916	184	63950	52.121	ng		98
55) Dibenzofuran	10.069	168	1156114	40.516	ng		100
56) 4-Nitrophenol	9.969	139	179967	42.598	ng		100
57) 2,4-Dinitrotoluene	10.051	165	257227	44.787	ng		99
58) Fluorene	10.416	166	845427	39.601	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	240030	46.623	ng		99
60) Diethylphthalate	10.292	149	879202	40.787	ng		99
61) 4-Chlorophenyl-phenyle...	10.410	204	407392	39.560	ng		100
62) 4-Nitroaniline	10.433	138	234741	42.831	ng		98
63) Azobenzene	10.569	77	875443	40.019	ng		99
65) 4,6-Dinitro-2-methylph...	10.457	198	107705	51.085	ng		95
66) n-Nitrosodiphenylamine	10.528	169	790071	41.439	ng		99
67) 4-Bromophenyl-phenylether	10.898	248	239306	37.026	ng		100
68) Hexachlorobenzene	10.957	284	286023	41.427	ng		99
69) Atrazine	11.057	200	209690	40.345	ng		99
70) Pentachlorophenol	11.151	266	184883	44.229	ng		98
71) Phenanthrene	11.380	178	1301478	40.761	ng		100
72) Anthracene	11.433	178	1361025	41.630	ng		100
73) Carbazole	11.586	167	1189636	40.791	ng		100
74) Di-n-butylphthalate	11.927	149	1308413	42.161	ng		100
75) Fluoranthene	12.575	202	1392036	41.441	ng		99
77) Benzidine	12.698	184	463655	55.171	ng		99
78) Pyrene	12.804	202	1425455	38.953	ng		100
80) Butylbenzylphthalate	13.439	149	537981	39.625	ng		99
81) Benzo(a)anthracene	13.998	228	1206601	40.716	ng		99
82) 3,3'-Dichlorobenzidine	13.963	252	386969	42.921	ng		99
83) Chrysene	14.033	228	1182464	40.969	ng		100
84) Bis(2-ethylhexyl)phtha...	14.004	149	662595	44.032	ng		99
85) Di-n-octyl phthalate	14.621	149	1104470	46.592	ng		99
87) Indeno(1,2,3-cd)pyrene	16.998	276	1013202	43.479	ng		99
88) Benzo(b)fluoranthene	15.057	252	984350	40.247	ng		100
89) Benzo(k)fluoranthene	15.086	252	1007822	41.957	ng		100
90) Benzo(a)pyrene	15.427	252	932205	41.356	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	838112	42.047	ng		98
92) Benzo(g,h,i)perylene	17.457	276	830246	37.524	ng		98

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

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