Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
Data File : BF135999.D
Acq On : 28 Oct 2023 11:56
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 30 00:22:56 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 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	167774	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	653784	20.000	ng		0.00
39) Acenaphthene-d10	9.869	164	327907	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	605283	20.000	ng		0.00
76) Chrysene-d12	14.015	240	333424	20.000	ng		0.00
86) Perylene-d12	15.504	264	331900	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	839399	77.257	ng		0.00
7) Phenol-d6	6.463	99	1048792	77.536	ng		0.00
23) Nitrobenzene-d5	7.392	82	901821	88.607	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	294689	102.673	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	1657747	80.952	ng		0.00
79) Terphenyl-d14	12.963	244	1838276	92.115	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.581	88	186116	36.876	ng		97
3) Pyridine	3.340	79	508166	36.478	ng		98
4) n-Nitrosodimethylamine	3.304	42	216611	35.661	ng		99
6) Aniline	6.498	93	693984	38.102	ng		99
8) 2-Chlorophenol	6.616	128	454618	40.418	ng		95
9) Benzaldehyde	6.381	77	295675	40.408	ng		97
10) Phenol	6.475	94	541369m	38.284	ng		
11) bis(2-Chloroethyl)ether	6.569	93	429236	38.996	ng		97
12) 1,3-Dichlorobenzene	6.769	146	464314	38.864	ng		98
13) 1,4-Dichlorobenzene	6.845	146	467147	38.933	ng		97
14) 1,2-Dichlorobenzene	6.998	146	434951	39.036	ng		98
15) Benzyl Alcohol	6.969	79	379823	39.722	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	607447	37.474	ng		97
17) 2-Methylphenol	7.081	107	382313	38.566	ng		98
18) Hexachloroethane	7.339	117	166826	40.889	ng		96
19) n-Nitroso-di-n-propyla...	7.245	70	300173	39.024	ng		97
20) 3+4-Methylphenols	7.234	107	468186	39.131	ng		92
22) Acetophenone	7.239	105	573518	38.840	ng	#	95
24) Nitrobenzene	7.410	77	457542	42.568	ng		97
25) Isophorone	7.651	82	839390	40.618	ng		99
26) 2-Nitrophenol	7.728	139	217343	54.124	ng		92
27) 2,4-Dimethylphenol	7.763	122	387685	41.162	ng		99
28) bis(2-Chloroethoxy)met...	7.863	93	510623	40.238	ng		99
29) 2,4-Dichlorophenol	7.963	162	367114	43.527	ng		99
30) 1,2,4-Trichlorobenzene	8.051	180	387270	40.554	ng		99
31) Naphthalene	8.133	128	1275709	40.359	ng		99
32) Benzoic acid	7.875	122	297399m	58.142	ng		
33) 4-Chloroaniline	8.181	127	562734	40.280	ng		98
34) Hexachlorobutadiene	8.251	225	225660	41.925	ng		99
35) Caprolactam	8.557	113	121721	43.368	ng		91
36) 4-Chloro-3-methylphenol	8.657	107	383853	42.827	ng		99
37) 2-Methylnaphthalene	8.822	142	850291	40.657	ng		99
38) 1-Methylnaphthalene	8.922	142	804095	41.148	ng		100
40) 1,2,4,5-Tetrachloroben...	8.986	216	385407	41.614	ng		99
41) Hexachlorocyclopentadiene	8.975	237	222615	48.748	ng		97
43) 2,4,6-Trichlorophenol	9.098	196	255425	47.121	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	299038	46.464	ng		93
46) 1,1'-Biphenyl	9.292	154	1030992	41.494	ng		99
47) 2-Chloronaphthalene	9.316	162	761507	41.436	ng		99
48) 2-Nitroaniline	9.410	65	244795	48.652	ng		95
49) Acenaphthylene	9.727	152	1200417	41.403	ng		100
50) Dimethylphthalate	9.592	163	896468	42.158	ng		99
51) 2,6-Dinitrotoluene	9.651	165	203413	46.329	ng		93
52) Acenaphthene	9.904	154	794499	42.759	ng		100
53) 3-Nitroaniline	9.822	138	232842	44.506	ng	#	94
54) 2,4-Dinitrophenol	9.922	184	86048	63.228	ng		95
55) Dibenzofuran	10.075	168	1099465	40.959	ng		99
56) 4-Nitrophenol	9.975	139	179629	44.821	ng		97
57) 2,4-Dinitrotoluene	10.057	165	264560	48.423	ng		99
58) Fluorene	10.422	166	827164	41.188	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.192	232	237552	49.051	ng		98
60) Diethylphthalate	10.298	149	867409	42.776	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	407693	42.085	ng		98
62) 4-Nitroaniline	10.439	138	224544	43.475	ng		93
63) Azobenzene	10.575	77	843891	41.009	ng		97
65) 4,6-Dinitro-2-methylph...	10.463	198	128444	58.715	ng		98
66) n-Nitrosodiphenylamine	10.533	169	763184	41.737	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	268012	43.236	ng		98
68) Hexachlorobenzene	10.969	284	282554	42.670	ng	#	91
69) Atrazine	11.063	200	202623	40.648	ng		99
70) Pentachlorophenol	11.157	266	194590	48.126	ng		98
71) Phenanthrene	11.386	178	1255772	41.008	ng		100
72) Anthracene	11.439	178	1289883	41.137	ng		99
73) Carbazole	11.592	167	1132533	40.490	ng		99
74) Di-n-butylphthalate	11.933	149	1300590	43.697	ng		100
75) Fluoranthene	12.580	202	1281938	39.791	ng		100
77) Benzidine	12.704	184	367776	57.204	ng		100
78) Pyrene	12.810	202	1285110	45.904	ng		100
80) Butylbenzylphthalate	13.439	149	453010	43.230	ng		94
81) Benzo(a)anthracene	14.004	228	909977	40.138	ng		99
82) 3,3'-Dichlorobenzidine	13.968	252	310391	45.002	ng		100
83) Chrysene	14.045	228	884876	40.075	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	486115	42.227	ng		99
85) Di-n-octyl phthalate	14.627	149	757920	41.794	ng		98
87) Indeno(1,2,3-cd)pyrene	17.021	276	1006090	53.459	ng		99
88) Benzo(b)fluoranthene	15.068	252	740332	37.481	ng		98
89) Benzo(k)fluoranthene	15.098	252	727296	37.491	ng		99
90) Benzo(a)pyrene	15.439	252	731897	40.205	ng		100
91) Dibenzo(a,h)anthracene	17.051	278	817160	50.762	ng		98
92) Benzo(g,h,i)perylene	17.486	276	850528	46.590	ng		99

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

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