Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110423\
Data File : BF136138.D
Acq On : 04 Nov 2023 09:32
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 06 00:54:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 06 00:53:35 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	114070	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	446989	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	231491	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	419603	20.000	ng	0.00
76) Chrysene-d12	14.009	240	208620	20.000	ng	0.00
86) Perylene-d12	15.492	264	230729	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	562002	77.420	ng	0.00
7) Phenol-d6	6.457	99	707076	78.178	ng	0.00
23) Nitrobenzene-d5	7.386	82	637327	85.952	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	205770	83.278	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1190618	81.989	ng	0.00
79) Terphenyl-d14	12.951	244	1226340	91.351	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.563	88	117042	37.027	ng	99
3) Pyridine	3.322	79	320850	37.188	ng	98
4) n-Nitrosodimethylamine	3.293	42	139219	38.593	ng	90
6) Aniline	6.486	93	456747	39.006	ng	99
8) 2-Chlorophenol	6.604	128	304213	39.198	ng	99
9) Benzaldehyde	6.375	77	199718	39.601	ng	98
10) Phenol	6.469	94	386682	41.336	ng	96
11) bis(2-Chloroethyl)ether	6.563	93	280358	38.282	ng	99
12) 1,3-Dichlorobenzene	6.763	146	318735	39.460	ng	98
13) 1,4-Dichlorobenzene	6.839	146	321181	39.677	ng	98
14) 1,2-Dichlorobenzene	6.992	146	298836	39.481	ng	98
15) Benzyl Alcohol	6.963	79	263559	41.098	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.098	45	380932	37.790	ng	99
17) 2-Methylphenol	7.075	107	256762	38.999	ng	97
18) Hexachloroethane	7.333	117	115580	40.623	ng	93
19) n-Nitroso-di-n-propyla...	7.239	70	199206	38.548	ng	99
20) 3+4-Methylphenols	7.228	107	314491	39.173	ng	93
22) Acetophenone	7.233	105	395992	39.952	ng	95
24) Nitrobenzene	7.404	77	313277	41.768	ng	93
25) Isophorone	7.639	82	561289	40.096	ng	99
26) 2-Nitrophenol	7.716	139	159455	46.597	ng	96
27) 2,4-Dimethylphenol	7.757	122	262632	40.615	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	344493	40.165	ng	98
29) 2,4-Dichlorophenol	7.957	162	255259	41.872	ng	96
30) 1,2,4-Trichlorobenzene	8.039	180	272757	41.015	ng	95
31) Naphthalene	8.122	128	875797	40.631	ng	100
32) Benzoic acid	7.869	122	191899m	38.212	ng	
33) 4-Chloroaniline	8.175	127	383592	40.637	ng	98
34) Hexachlorobutadiene	8.239	225	159865	41.918	ng	98
35) Caprolactam	8.551	113	82756	41.749	ng	94
36) 4-Chloro-3-methylphenol	8.651	107	271960	42.494	ng	98
37) 2-Methylnaphthalene	8.816	142	593908	41.093	ng	99
38) 1-Methylnaphthalene	8.916	142	553877	41.181	ng	100
40) 1,2,4,5-Tetrachloroben...	8.980	216	269441	40.812	ng	100
41) Hexachlorocyclopentadiene	8.969	237	141497	40.118	ng	98
43) 2,4,6-Trichlorophenol	9.092	196	178390	41.442	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	207870	41.688	ng		98
46) 1,1'-Biphenyl	9.280	154	718598	40.721	ng		99
47) 2-Chloronaphthalene	9.304	162	527879	40.577	ng		97
48) 2-Nitroaniline	9.404	65	170811	44.366	ng		93
49) Acenaphthylene	9.722	152	849383	41.852	ng		99
50) Dimethylphthalate	9.586	163	638087	41.788	ng		100
51) 2,6-Dinitrotoluene	9.645	165	143341	43.891	ng		93
52) Acenaphthene	9.898	154	562869	43.628	ng		99
53) 3-Nitroaniline	9.816	138	160813	42.201	ng		93
54) 2,4-Dinitrophenol	9.916	184	63056	40.050	ng	#	88
55) Dibenzofuran	10.069	168	769156	40.885	ng		97
56) 4-Nitrophenol	9.969	139	118454	41.557	ng		83
57) 2,4-Dinitrotoluene	10.051	165	188428	45.602	ng		91
58) Fluorene	10.410	166	580590	41.219	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	160704	40.538	ng		99
60) Diethylphthalate	10.286	149	689058	47.230	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	287204	40.848	ng		97
62) 4-Nitroaniline	10.433	138	157469	42.915	ng		99
63) Azobenzene	10.569	77	576570	41.035	ng		96
65) 4,6-Dinitro-2-methylph...	10.457	198	96394	42.556	ng		83
66) n-Nitrosodiphenylamine	10.527	169	525944	41.551	ng		100
67) 4-Bromophenyl-phenylether	10.898	248	185789	42.232	ng		95
68) Hexachlorobenzene	10.957	284	194175	41.327	ng	#	90
69) Atrazine	11.057	200	134954	39.186	ng		98
70) Pentachlorophenol	11.151	266	126334	41.868	ng		96
71) Phenanthrene	11.374	178	868856	41.125	ng		99
72) Anthracene	11.427	178	899569	41.553	ng		100
73) Carbazole	11.586	167	759905	40.393	ng		99
74) Di-n-butylphthalate	11.927	149	888019	41.310	ng		99
75) Fluoranthene	12.568	202	865021	39.855	ng		99
77) Benzidine	12.698	184	197817	48.649	ng		98
78) Pyrene	12.798	202	865436	47.053	ng		100
80) Butylbenzylphthalate	13.433	149	279884	42.511	ng		99
81) Benzo(a)anthracene	13.998	228	572321	41.439	ng		99
82) 3,3'-Dichlorobenzidine	13.962	252	187422	42.517	ng		99
83) Chrysene	14.033	228	538482	39.590	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	295161	38.480	ng	#	97
85) Di-n-octyl phthalate	14.621	149	434071	37.775	ng		99
87) Indeno(1,2,3-cd)pyrene	17.009	276	716310	47.502	ng		99
88) Benzo(b)fluoranthene	15.057	252	519656	38.063	ng		99
89) Benzo(k)fluoranthene	15.086	252	476895	35.303	ng		99
90) Benzo(a)pyrene	15.433	252	520828	41.057	ng		99
91) Dibenzo(a,h)anthracene	17.039	278	588518	47.645	ng		99
92) Benzo(g,h,i)perylene	17.474	276	609063	43.592	ng		99

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

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