Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
Data File : BF136563.D
Acq On : 14 Dec 2023 12:24
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 14 12:50:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	126828	20.000	ng		-0.02
21) Naphthalene-d8	8.069	136	501279	20.000	ng		-0.01
39) Acenaphthene-d10	9.828	164	264686	20.000	ng		-0.01
64) Phenanthrene-d10	11.316	188	489856	20.000	ng		-0.01
76) Chrysene-d12	13.968	240	267952	20.000	ng		-0.01
86) Perylene-d12	15.439	264	255785	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	596531	69.462	ng		-0.01
7) Phenol-d6	6.434	99	756324	70.588	ng		-0.01
23) Nitrobenzene-d5	7.357	82	682257	73.578	ng		-0.01
42) 2,4,6-Tribromophenol	10.622	330	243829	74.712	ng		-0.01
45) 2-Fluorobiphenyl	9.145	172	1424197	73.420	ng		-0.02
79) Terphenyl-d14	12.910	244	1607932	79.094	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.552	88	117416	34.567	ng		97
3) Pyridine	3.310	79	314557	38.239	ng		97
4) n-Nitrosodimethylamine	3.287	42	129328	36.188	ng		95
6) Aniline	6.457	93	461443	42.614	ng		100
8) 2-Chlorophenol	6.581	128	325099	34.676	ng		96
9) Benzaldehyde	6.345	77	204195	37.074	ng		95
10) Phenol	6.445	94	403383	35.380	ng		90
11) bis(2-Chloroethyl)ether	6.534	93	296972	34.944	ng		96
12) 1,3-Dichlorobenzene	6.728	146	342308	32.466	ng		96
13) 1,4-Dichlorobenzene	6.804	146	341882	31.965	ng		97
14) 1,2-Dichlorobenzene	6.957	146	325129	32.327	ng		99
15) Benzyl Alcohol	6.934	79	264197	36.822	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	363602	33.266	ng		97
17) 2-Methylphenol	7.045	107	278487	36.767	ng		95
18) Hexachloroethane	7.298	117	120715	32.327	ng		91
19) n-Nitroso-di-n-propyla...	7.204	70	215774	34.910	ng		99
20) 3+4-Methylphenols	7.204	107	341390	36.312	ng		94
22) Acetophenone	7.198	105	438828	35.451	ng	#	96
24) Nitrobenzene	7.375	77	326757	35.030	ng		95
25) Isophorone	7.610	82	598447	35.923	ng		98
26) 2-Nitrophenol	7.687	139	172369	37.587	ng		95
27) 2,4-Dimethylphenol	7.728	122	269902	47.732	ng		98
28) bis(2-Chloroethoxy)met...	7.822	93	369720	36.117	ng		99
29) 2,4-Dichlorophenol	7.928	162	274410	36.766	ng		98
30) 1,2,4-Trichlorobenzene	8.010	180	304257	34.960	ng		97
31) Naphthalene	8.092	128	969346	35.066	ng		99
32) Benzoic acid	7.857	122	182927m	32.611	ng		
33) 4-Chloroaniline	8.139	127	404177	41.012	ng		99
34) Hexachlorobutadiene	8.204	225	177600	34.433	ng		99
35) Caprolactam	8.522	113	85519	37.207	ng		91
36) 4-Chloro-3-methylphenol	8.628	107	288705	36.430	ng		98
37) 2-Methylnaphthalene	8.781	142	649074	36.907	ng		96
38) 1-Methylnaphthalene	8.881	142	610019	35.349	ng		99
40) 1,2,4,5-Tetrachloroben...	8.945	216	304262	36.948	ng		99
41) Hexachlorocyclopentadiene	8.934	237	133600	43.792	ng		98
43) 2,4,6-Trichlorophenol	9.063	196	193399	36.069	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	222187	37.128	ng	95
46) 1,1'-Biphenyl	9.245	154	806846	35.825	ng	98
47) 2-Chloronaphthalene	9.275	162	594963	33.941	ng	99
48) 2-Nitroaniline	9.369	65	174084	37.028	ng	99
49) Acenaphthylene	9.686	152	911598	36.506	ng	98
50) Dimethylphthalate	9.551	163	718972	36.895	ng	98
51) 2,6-Dinitrotoluene	9.616	165	155262	35.415	ng	99
52) Acenaphthene	9.863	154	568639	35.536	ng	97
53) 3-Nitroaniline	9.786	138	166246	37.135	ng	99
54) 2,4-Dinitrophenol	9.892	184	73706	33.252	ng	95
55) Dibenzofuran	10.033	168	841258	35.987	ng	99
56) 4-Nitrophenol	9.951	139	115890	34.532	ng	92
57) 2,4-Dinitrotoluene	10.022	165	203049	35.011	ng	95
58) Fluorene	10.375	166	660096	35.177	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	172162	35.915	ng	99
60) Diethylphthalate	10.251	149	680280	35.501	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	334799	36.599	ng	97
62) 4-Nitroaniline	10.404	138	165499	37.230	ng	97
63) Azobenzene	10.528	77	617206	35.387	ng	96
65) 4,6-Dinitro-2-methylph...	10.433	198	112680	37.142	ng	82
66) n-Nitrosodiphenylamine	10.492	169	586705	37.326	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	213013	37.401	ng	96
68) Hexachlorobenzene	10.922	284	225172	34.207	ng	98
69) Atrazine	11.022	200	163315	36.403	ng	100
70) Pentachlorophenol	11.122	266	121970	32.831	ng	95
71) Phenanthrene	11.339	178	981950	36.470	ng	99
72) Anthracene	11.392	178	1008354	37.183	ng	99
73) Carbazole	11.551	167	843175	35.129	ng	100
74) Di-n-butylphthalate	11.886	149	1079354	36.682	ng	99
75) Fluoranthene	12.533	202	981842	34.798	ng	98
77) Benzidine	12.657	184	129892	26.981	ng	99
78) Pyrene	12.763	202	987767	37.640	ng	98
80) Butylbenzylphthalate	13.386	149	373852	40.020	ng	91
81) Benzo(a)anthracene	13.957	228	687108	36.814	ng	98
82) 3,3'-Dichlorobenzidine	13.921	252	218038	41.665	ng	100
83) Chrysene	13.992	228	675516	36.786	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	476656	41.622	ng	98
85) Di-n-octyl phthalate	14.568	149	724258	42.815	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	685184	38.559	ng	99
88) Benzo(b)fluoranthene	15.010	252	561037	32.080	ng	99
89) Benzo(k)fluoranthene	15.039	252	572782	34.753	ng	99
90) Benzo(a)pyrene	15.380	252	549652	38.057	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	566233	38.895	ng	99
92) Benzo(g,h,i)perylene	17.404	276	563612	37.720	ng	99

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

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