Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
Data File : BF136760.D
Acq On : 27 Dec 2023 16:14
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 27 22:41:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	80036	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	290947	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	144345	20.000	ng		0.00
64) Phenanthrene-d10	11.310	188	267920	20.000	ng		0.00
76) Chrysene-d12	13.968	240	151305	20.000	ng	#	0.00
86) Perylene-d12	15.445	264	146523	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	415306	80.963	ng		0.00
7) Phenol-d6	6.439	99	513118	77.199	ng		0.00
23) Nitrobenzene-d5	7.351	82	471002	82.839	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	132885	78.168	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	880774	82.069	ng		0.00
79) Terphenyl-d14	12.910	244	834930	77.115	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.534	88	82194	38.457	ng		98
3) Pyridine	3.299	79	210436	40.354	ng		97
4) n-Nitrosodimethylamine	3.269	42	112900	40.542	ng		96
6) Aniline	6.457	93	245406	36.929	ng		92
8) 2-Chlorophenol	6.575	128	222884	39.705	ng		98
9) Benzaldehyde	6.340	77	145201	38.407	ng		98
10) Phenol	6.451	94	274797	38.729	ng		93
11) bis(2-Chloroethyl)ether	6.528	93	206412	38.253	ng		99
12) 1,3-Dichlorobenzene	6.728	146	246265	40.215	ng		97
13) 1,4-Dichlorobenzene	6.804	146	246493	39.395	ng		98
14) 1,2-Dichlorobenzene	6.957	146	229389	39.398	ng		99
15) Benzyl Alcohol	6.934	79	176149	39.283	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	323652	36.687	ng		98
17) 2-Methylphenol	7.051	107	173159	37.236	ng		96
18) Hexachloroethane	7.292	117	89948	39.583	ng		96
19) n-Nitroso-di-n-propyla...	7.204	70	147301	36.559	ng		98
20) 3+4-Methylphenols	7.204	107	215259	37.051	ng	#	68
22) Acetophenone	7.198	105	294809	40.426	ng		96
24) Nitrobenzene	7.369	77	237219	41.649	ng		99
25) Isophorone	7.604	82	412180	39.840	ng		99
26) 2-Nitrophenol	7.681	139	116038	42.582	ng		91
27) 2,4-Dimethylphenol	7.722	122	138313	41.691	ng		98
28) bis(2-Chloroethoxy)met...	7.816	93	246750	39.237	ng		99
29) 2,4-Dichlorophenol	7.928	162	176194	41.252	ng		97
30) 1,2,4-Trichlorobenzene	8.004	180	197141	41.426	ng		98
31) Naphthalene	8.086	128	646556	40.451	ng		100
32) Benzoic acid	7.863	122	138451m	43.131	ng		
33) 4-Chloroaniline	8.139	127	227101	38.482	ng		98
34) Hexachlorobutadiene	8.198	225	121582	42.051	ng		98
35) Caprolactam	8.522	113	55749m	39.566	ng		
36) 4-Chloro-3-methylphenol	8.628	107	190613	39.642	ng		99
37) 2-Methylnaphthalene	8.775	142	402755	39.153	ng		99
38) 1-Methylnaphthalene	8.875	142	389182	38.563	ng		99
40) 1,2,4,5-Tetrachloroben...	8.945	216	189172	42.318	ng		99
41) Hexachlorocyclopentadiene	8.928	237	45679	34.984	ng		99
43) 2,4,6-Trichlorophenol	9.057	196	120862	42.158	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	130966	40.994	ng		97
46) 1,1'-Biphenyl	9.245	154	506935	41.851	ng		97
47) 2-Chloronaphthalene	9.269	162	379438	41.206	ng		99
48) 2-Nitroaniline	9.369	65	117848	40.869	ng		96
49) Acenaphthylene	9.680	152	577763	41.050	ng		99
50) Dimethylphthalate	9.551	163	421574	39.985	ng		100
51) 2,6-Dinitrotoluene	9.610	165	99263	41.484	ng	#	83
52) Acenaphthene	9.857	154	352975	40.457	ng		99
53) 3-Nitroaniline	9.780	138	101172	39.914	ng		100
54) 2,4-Dinitrophenol	9.892	184	46478	37.146	ng		92
55) Dibenzofuran	10.028	168	525601	39.742	ng		99
56) 4-Nitrophenol	9.957	139	64164	37.499	ng		94
57) 2,4-Dinitrotoluene	10.016	165	127699	41.109	ng		99
58) Fluorene	10.375	166	417854	39.819	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	99659	40.524	ng		98
60) Diethylphthalate	10.245	149	437586	40.001	ng		99
61) 4-Chlorophenyl-phenyle...	10.363	204	200101	39.230	ng		98
62) 4-Nitroaniline	10.398	138	93697m	38.345	ng		
63) Azobenzene	10.527	77	394095	38.571	ng		97
65) 4,6-Dinitro-2-methylph...	10.427	198	66496	43.307	ng		99
66) n-Nitrosodiphenylamine	10.486	169	358003	41.134	ng		100
67) 4-Bromophenyl-phenylether	10.857	248	122638	41.217	ng		93
68) Hexachlorobenzene	10.922	284	137927	41.596	ng		97
69) Atrazine	11.016	200	94127	42.285	ng		96
70) Pentachlorophenol	11.122	266	63687	41.206	ng		99
71) Phenanthrene	11.339	178	565426	41.130	ng		100
72) Anthracene	11.392	178	563080	40.445	ng		100
73) Carbazole	11.551	167	530888	40.445	ng		100
74) Di-n-butylphthalate	11.880	149	645341	40.291	ng		99
75) Fluoranthene	12.533	202	593167	40.339	ng		99
77) Benzidine	12.657	184	152603	34.206	ng		99
78) Pyrene	12.763	202	581644	39.160	ng		99
80) Butylbenzylphthalate	13.386	149	224812	41.596	ng		99
81) Benzo(a)anthracene	13.957	228	429749	40.903	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	128028	42.909	ng		98
83) Chrysene	13.992	228	410026	39.908	ng		99
84) Bis(2-ethylhexyl)phtha...	13.945	149	288190	42.381	ng		98
85) Di-n-octyl phthalate	14.563	149	461263	43.852	ng		100
87) Indeno(1,2,3-cd)pyrene	16.951	276	431598	40.797	ng		98
88) Benzo(b)fluoranthene	15.015	252	394794	40.341	ng		97
89) Benzo(k)fluoranthene	15.045	252	357953	38.709	ng		98
90) Benzo(a)pyrene	15.386	252	336396	40.722	ng		99
91) Dibenzo(a,h)anthracene	16.968	278	352573	40.623	ng		98
92) Benzo(g,h,i)perylene	17.404	276	365929	41.165	ng		98

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

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