Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103123\
Data File : BF136044.D
Acq On : 31 Oct 2023 11:26
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 31 12:19:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 01:13:02 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
11/01/2023
Supervised By :mohammad ahmed
11/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	171419	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	668353	20.000	ng		0.00
39) Acenaphthene-d10	9.869	164	345378	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	615396	20.000	ng		0.00
76) Chrysene-d12	14.016	240	340490	20.000	ng		0.00
86) Perylene-d12	15.504	264	328376	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	850310	77.948	ng		0.00
7) Phenol-d6	6.463	99	1057148	77.780	ng		0.00
23) Nitrobenzene-d5	7.392	82	922480	83.204	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	307873	83.514	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	1701450	78.531	ng		0.00
79) Terphenyl-d14	12.957	244	1885698	86.065	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.581	88	179564	37.802	ng		98
3) Pyridine	3.340	79	504623	38.920	ng		99
4) n-Nitrosodimethylamine	3.310	42	212606	39.219	ng		98
6) Aniline	6.492	93	692365	39.346	ng		99
8) 2-Chlorophenol	6.610	128	461070	39.534	ng		97
9) Benzaldehyde	6.381	77	297175	39.212	ng		98
10) Phenol	6.475	94	551085m	39.201	ng		
11) bis(2-Chloroethyl)ether	6.569	93	435038	39.530	ng		98
12) 1,3-Dichlorobenzene	6.769	146	473224	38.986	ng		97
13) 1,4-Dichlorobenzene	6.845	146	478755	39.356	ng		99
14) 1,2-Dichlorobenzene	6.998	146	443277	38.971	ng		97
15) Benzyl Alcohol	6.969	79	390882	40.560	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.104	45	613299	40.487	ng		98
17) 2-Methylphenol	7.081	107	390100	39.429	ng		99
18) Hexachloroethane	7.339	117	169590	39.665	ng		92
19) n-Nitroso-di-n-propyla...	7.245	70	304670	39.232	ng		98
20) 3+4-Methylphenols	7.234	107	469510	38.917	ng		92
22) Acetophenone	7.239	105	579136	39.077	ng	#	94
24) Nitrobenzene	7.410	77	462083	41.203	ng		95
25) Isophorone	7.651	82	860523	41.112	ng		99
26) 2-Nitrophenol	7.722	139	230758	45.099	ng		94
27) 2,4-Dimethylphenol	7.763	122	395724	40.928	ng		99
28) bis(2-Chloroethoxy)met...	7.863	93	523664	40.833	ng		97
29) 2,4-Dichlorophenol	7.963	162	379093	41.589	ng		97
30) 1,2,4-Trichlorobenzene	8.051	180	403213	40.550	ng		99
31) Naphthalene	8.134	128	1298811	40.299	ng		100
32) Benzoic acid	7.881	122	308303m	40.677	ng		
33) 4-Chloroaniline	8.181	127	570817	40.443	ng		98
34) Hexachlorobutadiene	8.245	225	237506	41.649	ng		100
35) Caprolactam	8.557	113	124188	41.900	ng		89
36) 4-Chloro-3-methylphenol	8.657	107	395898	41.371	ng		99
37) 2-Methylnaphthalene	8.822	142	885387	40.971	ng		99
38) 1-Methylnaphthalene	8.922	142	820286	40.788	ng		100
40) 1,2,4,5-Tetrachloroben...	8.986	216	401013	40.712	ng		100
41) Hexachlorocyclopentadiene	8.975	237	225008	42.759	ng		98
43) 2,4,6-Trichlorophenol	9.098	196	266041	41.425	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	310317	41.712	ng	98
46) 1,1'-Biphenyl	9.286	154	1068829	40.596	ng	100
47) 2-Chloronaphthalene	9.316	162	784875	40.438	ng	99
48) 2-Nitroaniline	9.410	65	245107	42.671	ng	93
49) Acenaphthylene	9.728	152	1234320	40.764	ng	100
50) Dimethylphthalate	9.592	163	937013	41.130	ng	99
51) 2,6-Dinitrotoluene	9.657	165	212195	43.549	ng	89
52) Acenaphthene	9.904	154	766864m	39.840	ng	
53) 3-Nitroaniline	9.822	138	240002	42.214	ng	95
54) 2,4-Dinitrophenol	9.928	184	96298	40.807	ng	94
55) Dibenzofuran	10.075	168	1145838	40.824	ng	99
56) 4-Nitrophenol	9.975	139	182670	42.954	ng	89
57) 2,4-Dinitrotoluene	10.057	165	273233	44.321	ng	96
58) Fluorene	10.422	166	840397	39.990	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	246282	41.640	ng	99
60) Diethylphthalate	10.298	149	905998	41.622	ng	98
61) 4-Chlorophenyl-phenyle...	10.410	204	425475	40.560	ng	96
62) 4-Nitroaniline	10.439	138	226936	41.453	ng	97
63) Azobenzene	10.575	77	866605	41.339	ng	97
65) 4,6-Dinitro-2-methylph...	10.469	198	142198	42.771	ng	99
66) n-Nitrosodiphenylamine	10.533	169	787601	42.426	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	281727	43.665	ng	94
68) Hexachlorobenzene	10.969	284	294780	42.779	ng	99
69) Atrazine	11.063	200	213573	42.284	ng	98
70) Pentachlorophenol	11.157	266	200117	45.220	ng	96
71) Phenanthrene	11.386	178	1283333	41.417	ng	99
72) Anthracene	11.439	178	1324453	41.714	ng	99
73) Carbazole	11.592	167	1134207	41.108	ng	100
74) Di-n-butylphthalate	11.933	149	1371302	43.496	ng	99
75) Fluoranthene	12.580	202	1289428	40.508	ng	99
77) Benzidine	12.704	184	347399	52.347	ng	99
78) Pyrene	12.810	202	1308024	43.573	ng	100
80) Butylbenzylphthalate	13.439	149	487463	45.364	ng	100
81) Benzo(a)anthracene	14.004	228	914844	40.585	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	315705	43.881	ng	98
83) Chrysene	14.045	228	899810	40.533	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	556139	44.423	ng	99
85) Di-n-octyl phthalate	14.627	149	899107	47.941	ng	99
87) Indeno(1,2,3-cd)pyrene	17.027	276	968754	45.140	ng	99
88) Benzo(b)fluoranthene	15.068	252	748036	38.498	ng	100
89) Benzo(k)fluoranthene	15.098	252	758967	39.477	ng	98
90) Benzo(a)pyrene	15.445	252	730533	40.464	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	796474	45.306	ng	98
92) Benzo(g,h,i)perylene	17.492	276	819553	41.373	ng	98

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

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