Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
Data File : BF137709.D
Acq On : 24 Apr 2024 09:56
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 24 10:27:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 03:57:12 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	277085	20.000	ng	0.00
21) Naphthalene-d8	8.351	136	1097202	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	627332	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	1066834	20.000	ng	0.00
76) Chrysene-d12	14.257	240	713326	20.000	ng	0.00
86) Perylene-d12	15.827	264	562013	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	1375419	75.403	ng	0.00
7) Phenol-d6	6.675	99	1757190	75.859	ng	0.00
23) Nitrobenzene-d5	7.628	82	1594157	77.126	ng	0.00
42) 2,4,6-Tribromophenol	10.904	330	487013	76.934	ng	0.00
45) 2-Fluorobiphenyl	9.428	172	2977128	70.910	ng	0.00
79) Terphenyl-d14	13.192	244	3431446	77.428	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.981	88	313021	38.323	ng	98
3) Pyridine	3.746	79	831050	38.195	ng	99
4) n-Nitrosodimethylamine	3.710	42	377357	37.161	ng	99
6) Aniline	6.728	93	1090102	37.810	ng	99
8) 2-Chlorophenol	6.845	128	736314	38.670	ng	94
9) Benzaldehyde	6.616	77	450536	34.658	ng	97
10) Phenol	6.687	94	874682	37.798	ng	94
11) bis(2-Chloroethyl)ether	6.792	93	713144	37.782	ng	95
12) 1,3-Dichlorobenzene	7.004	146	767133	38.417	ng	99
13) 1,4-Dichlorobenzene	7.081	146	768596	38.232	ng	99
14) 1,2-Dichlorobenzene	7.239	146	719229	38.434	ng	99
15) Benzyl Alcohol	7.198	79	664384	38.341	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.334	45	1079644	37.194	ng	99
17) 2-Methylphenol	7.298	107	639699	37.813	ng	99
18) Hexachloroethane	7.581	117	273067	38.379	ng	98
19) n-Nitroso-di-n-propyla...	7.475	70	561196	37.467	ng	99
20) 3+4-Methylphenols	7.451	107	838982	38.398	ng	98
22) Acetophenone	7.469	105	1015910	37.856	ng	97
24) Nitrobenzene	7.645	77	807723	38.679	ng	94
25) Isophorone	7.881	82	1444855	37.638	ng	98
26) 2-Nitrophenol	7.963	139	375300	40.953	ng	97
27) 2,4-Dimethylphenol	7.986	122	692135	37.436	ng	99
28) bis(2-Chloroethoxy)met...	8.086	93	890736	37.989	ng	100
29) 2,4-Dichlorophenol	8.198	162	629874	38.873	ng	97
30) 1,2,4-Trichlorobenzene	8.286	180	634456	38.416	ng	99
31) Naphthalene	8.375	128	2160342	38.585	ng	99
32) Benzoic acid	8.086	122	455574m	38.916	ng	
33) 4-Chloroaniline	8.416	127	907261	38.283	ng	99
34) Hexachlorobutadiene	8.486	225	384142	38.798	ng	96
35) Caprolactam	8.786	113	201279	38.422	ng	97
36) 4-Chloro-3-methylphenol	8.881	107	664586	38.671	ng	99
37) 2-Methylnaphthalene	9.063	142	1475432	38.393	ng	99
38) 1-Methylnaphthalene	9.163	142	1384499	38.534	ng	100
40) 1,2,4,5-Tetrachloroben...	9.228	216	649281	37.752	ng	100
41) Hexachlorocyclopentadiene	9.216	237	377745	39.199	ng	100
43) 2,4,6-Trichlorophenol	9.333	196	462593	38.341	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.369	196	525040	37.971	ng		98
46) 1,1'-Biphenyl	9.528	154	1710410	37.479	ng		98
47) 2-Chloronaphthalene	9.557	162	1308487	37.194	ng		99
48) 2-Nitroaniline	9.645	65	423524	39.508	ng		98
49) Acenaphthylene	9.975	152	2062956	37.603	ng		99
50) Dimethylphthalate	9.822	163	1656754	37.905	ng		99
51) 2,6-Dinitrotoluene	9.886	165	362128	39.323	ng		95
52) Acenaphthene	10.145	154	1329990	37.439	ng		99
53) 3-Nitroaniline	10.057	138	402968	38.938	ng		95
54) 2,4-Dinitrophenol	10.157	184	170063	37.918	ng	#	74
55) Dibenzofuran	10.316	168	1959151	37.623	ng		99
56) 4-Nitrophenol	10.198	139	310495	38.580	ng		99
57) 2,4-Dinitrotoluene	10.292	165	467541	40.271	ng		95
58) Fluorene	10.663	166	1520271	37.364	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.427	232	414018	38.668	ng		99
60) Diethylphthalate	10.522	149	1604185	38.159	ng		98
61) 4-Chlorophenyl-phenyle...	10.651	204	762288	37.916	ng		98
62) 4-Nitroaniline	10.675	138	389826	39.547	ng		100
63) Azobenzene	10.810	77	1620695	37.622	ng		99
65) 4,6-Dinitro-2-methylph...	10.698	198	246373	40.278	ng		90
66) n-Nitrosodiphenylamine	10.769	169	1368747	37.881	ng		99
67) 4-Bromophenyl-phenylether	11.145	248	469099	37.947	ng		98
68) Hexachlorobenzene	11.210	284	464662	38.583	ng		98
69) Atrazine	11.292	200	390964	39.143	ng		99
70) Pentachlorophenol	11.398	266	356678	39.372	ng		98
71) Phenanthrene	11.633	178	2141572	37.922	ng		99
72) Anthracene	11.686	178	2205854	38.145	ng		99
73) Carbazole	11.833	167	1971448	37.618	ng		100
74) Di-n-butylphthalate	12.157	149	2476490	38.764	ng		100
75) Fluoranthene	12.827	202	2250566	37.914	ng		100
77) Benzidine	12.939	184	767792	46.083	ng		99
78) Pyrene	13.057	202	2289581	39.105	ng		100
80) Butylbenzylphthalate	13.663	149	858528	41.349	ng		99
81) Benzo(a)anthracene	14.245	228	1894507	38.078	ng		99
82) 3,3'-Dichlorobenzidine	14.204	252	577261	37.500	ng		99
83) Chrysene	14.286	228	1761965	37.902	ng		99
84) Bis(2-ethylhexyl)phtha...	14.221	149	1308231	41.722	ng		100
85) Di-n-octyl phthalate	14.851	149	1845012	39.172	ng		99
87) Indeno(1,2,3-cd)pyrene	17.468	276	1260678	40.455	ng		100
88) Benzo(b)fluoranthene	15.357	252	1355405	37.688	ng		98
89) Benzo(k)fluoranthene	15.392	252	1443484	40.832	ng		98
90) Benzo(a)pyrene	15.762	252	1245060	38.592	ng		98
91) Dibenzo(a,h)anthracene	17.492	278	1052538	40.701	ng		99
92) Benzo(g,h,i)perylene	17.974	276	1032982	41.079	ng		98

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

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