Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032624\
Data File : BF137691.D
Acq On : 26 Mar 2024 17:01
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 27 01:37:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 27 01:28:16 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	275805	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	1085980	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	616321	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	1059586	20.000	ng	0.00
76) Chrysene-d12	13.945	240	557305	20.000	ng	0.00
86) Perylene-d12	15.374	264	596170	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1341004	75.679	ng	0.00
7) Phenol-d6	6.416	99	1684331	76.692	ng	0.00
23) Nitrobenzene-d5	7.351	82	1317222	80.021	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	450930	77.709	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	2604721	79.028	ng	0.00
79) Terphenyl-d14	12.898	244	2874308	78.900	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.487	88	312044	38.015	ng	100
3) Pyridine	3.204	79	859596	38.249	ng	100
4) n-Nitrosodimethylamine	3.169	42	387733	38.395	ng	100
6) Aniline	6.451	93	1118341	38.690	ng	100
8) 2-Chlorophenol	6.569	128	683034	38.220	ng	100
9) Benzaldehyde	6.334	77	436556	40.593	ng	100
10) Phenol	6.428	94	930880	38.115	ng	100
11) bis(2-Chloroethyl)ether	6.528	93	673727	37.922	ng	100
12) 1,3-Dichlorobenzene	6.728	146	756218	38.136	ng	100
13) 1,4-Dichlorobenzene	6.804	146	758210	38.118	ng	100
14) 1,2-Dichlorobenzene	6.957	146	704435	38.169	ng	100
15) Benzyl Alcohol	6.928	79	625184	38.965	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.063	45	1081415	38.396	ng	100
17) 2-Methylphenol	7.034	107	638919	38.349	ng	100
18) Hexachloroethane	7.298	117	244943	38.441	ng	100
19) n-Nitroso-di-n-propyla...	7.210	70	528299	37.231	ng	100
20) 3+4-Methylphenols	7.192	107	745134	36.863	ng	100
22) Acetophenone	7.198	105	933407	37.214	ng	100
24) Nitrobenzene	7.369	77	726026	42.136	ng	100
25) Isophorone	7.610	82	1425437	38.242	ng	100
26) 2-Nitrophenol	7.687	139	268875	35.920	ng	100
27) 2,4-Dimethylphenol	7.722	122	669307	39.222	ng	100
28) bis(2-Chloroethoxy)met...	7.822	93	852917	38.383	ng	100
29) 2,4-Dichlorophenol	7.922	162	620935	39.147	ng	100
30) 1,2,4-Trichlorobenzene	8.010	180	627038	38.509	ng	100
31) Naphthalene	8.092	128	2027780	37.666	ng	100
32) Benzoic acid	7.845	122	376196m	36.446	ng	
33) 4-Chloroaniline	8.139	127	890606	38.345	ng	100
34) Hexachlorobutadiene	8.210	225	366097	38.000	ng	100
35) Caprolactam	8.522	113	205025	39.552	ng	100
36) 4-Chloro-3-methylphenol	8.616	107	654696	39.332	ng	100
37) 2-Methylnaphthalene	8.781	142	1406374	38.053	ng	100
38) 1-Methylnaphthalene	8.881	142	1314647	37.921	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	609201	37.723	ng	100
41) Hexachlorocyclopentadiene	8.934	237	324648	41.058	ng	100
43) 2,4,6-Trichlorophenol	9.057	196	440277	39.648	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	492343	39.236	ng	100
46) 1,1'-Biphenyl	9.251	154	1629728	37.516	ng	100
47) 2-Chloronaphthalene	9.269	162	1280070	38.072	ng	100
48) 2-Nitroaniline	9.369	65	345348	37.878	ng	100
49) Acenaphthylene	9.686	152	2050595	37.915	ng	100
50) Dimethylphthalate	9.551	163	1579747	38.087	ng	100
51) 2,6-Dinitrotoluene	9.610	165	298757	38.512	ng	100
52) Acenaphthene	9.857	154	1258688	37.553	ng	100
53) 3-Nitroaniline	9.781	138	351979	38.948	ng	100
54) 2,4-Dinitrophenol	9.880	184	93483	37.856	ng	100
55) Dibenzofuran	10.028	168	1875371	37.614	ng	100
56) 4-Nitrophenol	9.928	139	270003	38.369	ng	100
57) 2,4-Dinitrotoluene	10.010	165	353318	38.381	ng	100
58) Fluorene	10.375	166	1287676	39.740	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	396175	39.795	ng	95
60) Diethylphthalate	10.251	149	1519275	38.037	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	620105	39.620	ng	100
62) 4-Nitroaniline	10.392	138	332461	38.370	ng	100
63) Azobenzene	10.528	77	1501837	37.690	ng	100
65) 4,6-Dinitro-2-methylph...	10.416	198	142473	35.795	ng	100
66) n-Nitrosodiphenylamine	10.486	169	1274495	37.735	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	456270	38.219	ng	100
68) Hexachlorobenzene	10.916	284	468238	38.095	ng	100
69) Atrazine	11.016	200	380738	37.951	ng	100
70) Pentachlorophenol	11.104	266	343360	41.290	ng	100
71) Phenanthrene	11.333	178	2054142	37.301	ng	100
72) Anthracene	11.386	178	2106928	37.155	ng	100
73) Carbazole	11.539	167	1878499	37.179	ng	100
74) Di-n-butylphthalate	11.880	149	2239184	38.171	ng	100
75) Fluoranthene	12.516	202	2018588	35.547	ng	100
77) Benzidine	12.639	184	623373	48.588	ng	100
78) Pyrene	12.745	202	2026702	40.927	ng	100
80) Butylbenzylphthalate	13.374	149	675048	38.959	ng	100
81) Benzo(a)anthracene	13.933	228	1506173	39.019	ng	100
82) 3,3'-Dichlorobenzidine	13.898	252	513445	41.460	ng	100
83) Chrysene	13.968	228	1478555	38.897	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	776161	41.421	ng	100
85) Di-n-octyl phthalate	14.551	149	1310821	38.409	ng	100
87) Indeno(1,2,3-cd)pyrene	16.780	276	1590534	41.348	ng	100
88) Benzo(b)fluoranthene	14.963	252	1336061	38.028	ng	100
89) Benzo(k)fluoranthene	14.992	252	1329537	37.904	ng	100
90) Benzo(a)pyrene	15.315	252	1282084	38.681	ng	100
91) Dibenzo(a,h)anthracene	16.804	278	1305630	41.256	ng	100
92) Benzo(g,h,i)perylene	17.209	276	1326096	41.291	ng	100

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

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