Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032024\
Data File : BF137651.D
Acq On : 20 Mar 2024 13:11
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 20 13:45:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 14:45:20 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/21/2024
Supervised By :Sohil Jodhani 03/21/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	177561	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	664213	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	360223	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	591175	20.000	ng	0.00
76) Chrysene-d12	13.880	240	356915	20.000	ng	0.00
86) Perylene-d12	15.298	264	331177	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	909429	77.571	ng	0.00
7) Phenol-d6	6.369	99	1232762	72.846	ng	0.00
23) Nitrobenzene-d5	7.298	82	1081634	75.664	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	255617	80.805	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1731771	75.255	ng	0.00
79) Terphenyl-d14	12.827	244	1805573	69.564	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.375	88	232097	36.206	ng	98
3) Pyridine	3.075	79	587675	38.012	ng	99
4) n-Nitrosodimethylamine	3.052	42	210812	34.799	ng	91
6) Aniline	6.393	93	757642	36.640	ng	97
8) 2-Chlorophenol	6.516	128	464380	37.554	ng	97
9) Benzaldehyde	6.281	77	305773	36.881	ng	94
10) Phenol	6.381	94	668581	36.706	ng	96
11) bis(2-Chloroethyl)ether	6.469	93	474843	35.575	ng	98
12) 1,3-Dichlorobenzene	6.669	146	497830	37.676	ng	94
13) 1,4-Dichlorobenzene	6.745	146	509343	37.675	ng	99
14) 1,2-Dichlorobenzene	6.898	146	468467	37.752	ng	98
15) Benzyl Alcohol	6.875	79	385148	36.557	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.010	45	742994	32.384	ng	96
17) 2-Methylphenol	6.987	107	435093	37.603	ng	99
18) Hexachloroethane	7.234	117	172510	38.753	ng	92
19) n-Nitroso-di-n-propyla...	7.145	70	353046	33.784	ng	100
20) 3+4-Methylphenols	7.145	107	482802	36.433	ng	97
22) Acetophenone	7.145	105	606284	37.726	ng	98
24) Nitrobenzene	7.316	77	547599	38.133	ng	97
25) Isophorone	7.551	82	984081	36.235	ng	100
26) 2-Nitrophenol	7.628	139	228778	40.128	ng	99
27) 2,4-Dimethylphenol	7.669	122	415124	38.968	ng	99
28) bis(2-Chloroethoxy)met...	7.763	93	606925	38.088	ng	99
29) 2,4-Dichlorophenol	7.869	162	388813	39.768	ng	98
30) 1,2,4-Trichlorobenzene	7.951	180	402863	39.156	ng	98
31) Naphthalene	8.034	128	1353590	37.982	ng	99
32) Benzoic acid	7.804	122	194755m	33.879	ng	
33) 4-Chloroaniline	8.087	127	544442	38.961	ng	100
34) Hexachlorobutadiene	8.145	225	239225	39.384	ng	100
35) Caprolactam	8.463	113	128017	38.615	ng	93
36) 4-Chloro-3-methylphenol	8.569	107	415871	38.053	ng	99
37) 2-Methylnaphthalene	8.722	142	856627	37.706	ng	100
38) 1-Methylnaphthalene	8.822	142	788233	36.842	ng	98
40) 1,2,4,5-Tetrachloroben...	8.886	216	396407	39.418	ng	99
41) Hexachlorocyclopentadiene	8.875	237	154480	42.005	ng	100
43) 2,4,6-Trichlorophenol	9.004	196	254781	38.905	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	304988	40.428	ng	96
46) 1,1'-Biphenyl	9.186	154	1010189	38.315	ng	99
47) 2-Chloronaphthalene	9.210	162	769507	38.282	ng	99
48) 2-Nitroaniline	9.310	65	270148	39.540	ng	95
49) Acenaphthylene	9.622	152	1213463	37.722	ng	100
50) Dimethylphthalate	9.492	163	950543	37.907	ng	99
51) 2,6-Dinitrotoluene	9.557	165	208182	39.693	ng	86
52) Acenaphthene	9.798	154	713379	37.145	ng	99
53) 3-Nitroaniline	9.728	138	222273	40.066	ng	87
54) 2,4-Dinitrophenol	9.833	184	79936	36.260	ng	95
55) Dibenzofuran	9.969	168	1085377	37.106	ng	100
56) 4-Nitrophenol	9.892	139	137361	37.360	ng	95
57) 2,4-Dinitrotoluene	9.957	165	259167	40.220	ng	98
58) Fluorene	10.310	166	825081	36.729	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	234164	38.708	ng	96
60) Diethylphthalate	10.186	149	879112	37.125	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	408672	37.120	ng	96
62) 4-Nitroaniline	10.339	138	175926	36.896	ng	96
63) Azobenzene	10.463	77	966406	35.442	ng	98
65) 4,6-Dinitro-2-methylph...	10.363	198	136416	41.402	ng	94
66) n-Nitrosodiphenylamine	10.428	169	739480	38.845	ng	98
67) 4-Bromophenyl-phenylether	10.792	248	259391	40.285	ng	98
68) Hexachlorobenzene	10.851	284	266492	40.977	ng	97
69) Atrazine	10.951	200	239046	41.307	ng	96
70) Pentachlorophenol	11.051	266	139520	35.488	ng	98
71) Phenanthrene	11.269	178	1221740	37.974	ng	99
72) Anthracene	11.322	178	1266117	38.317	ng	100
73) Carbazole	11.480	167	1075728	38.006	ng	98
74) Di-n-butylphthalate	11.810	149	1313647	39.009	ng	99
75) Fluoranthene	12.457	202	1190534	37.857	ng	97
77) Benzidine	12.586	184	280862	32.155	ng	97
78) Pyrene	12.680	202	1204970	34.407	ng	99
80) Butylbenzylphthalate	13.304	149	438877	49.070	ng	98
81) Benzo(a)anthracene	13.869	228	892114	35.662	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	287085	43.095	ng	97
83) Chrysene	13.904	228	916818	36.262	ng	100
84) Bis(2-ethylhexyl)phtha...	13.863	149	554699	48.795	ng	100
85) Di-n-octyl phthalate	14.474	149	871371	40.733	ng	96
87) Indeno(1,2,3-cd)pyrene	16.692	276	755322	34.658	ng	96
88) Benzo(b)fluoranthene	14.892	252	771165	39.364	ng	98
89) Benzo(k)fluoranthene	14.921	252	748758	35.584	ng	100
90) Benzo(a)pyrene	15.245	252	727764	37.698	ng	98
91) Dibenzo(a,h)anthracene	16.704	278	614573	34.762	ng	97
92) Benzo(g,h,i)perylene	17.109	276	616217	33.939	ng	96

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

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