Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050924\
Data File : BF137858.D
Acq On : 09 May 2024 11:21
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: May 09 11:50:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.051	152	248658	20.000	ng		0.00
21) Naphthalene-d8	8.339	136	997201	20.000	ng		0.00
39) Acenaphthene-d10	10.104	164	561451	20.000	ng		0.00
64) Phenanthrene-d10	11.598	188	941799	20.000	ng		0.00
76) Chrysene-d12	14.251	240	535957	20.000	ng	#	0.00
86) Perylene-d12	15.815	264	465428	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.675	112	1464450	98.606	ng		0.00
7) Phenol-d6	6.681	99	1911217	101.457	ng		0.00
23) Nitrobenzene-d5	7.622	82	1337921	77.949	ng		0.00
42) 2,4,6-Tribromophenol	10.898	330	644063	112.352	ng		0.00
45) 2-Fluorobiphenyl	9.416	172	2655938	76.746	ng		0.00
79) Terphenyl-d14	13.186	244	2810026	87.866	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.969	88	267830	40.047	ng		96
3) Pyridine	3.734	79	562499	34.752	ng		98
4) n-Nitrosodimethylamine	3.716	42	274165	37.615	ng		100
6) Aniline	6.728	93	717710m	38.440	ng		
8) 2-Chlorophenol	6.845	128	605959	37.439	ng		97
9) Benzaldehyde	6.610	77	399577	39.388	ng		98
10) Phenol	6.693	94	703102	36.425	ng		98
11) bis(2-Chloroethyl)ether	6.793	93	570170	37.724	ng		99
12) 1,3-Dichlorobenzene	6.998	146	701776	38.450	ng		97
13) 1,4-Dichlorobenzene	7.075	146	714601	39.020	ng		97
14) 1,2-Dichlorobenzene	7.228	146	660734	38.306	ng		98
15) Benzyl Alcohol	7.192	79	531153	40.773	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.322	45	749472	35.279	ng		95
17) 2-Methylphenol	7.292	107	524662	40.174	ng		98
18) Hexachloroethane	7.569	117	251140	40.565	ng		97
19) n-Nitroso-di-n-propyla...	7.469	70	427372	37.963	ng		97
20) 3+4-Methylphenols	7.451	107	652964	38.003	ng		91
22) Acetophenone	7.463	105	854827	38.115	ng	#	98
24) Nitrobenzene	7.640	77	681803	38.541	ng		99
25) Isophorone	7.875	82	1229920	39.743	ng		99
26) 2-Nitrophenol	7.951	139	357182	44.587	ng		90
27) 2,4-Dimethylphenol	7.981	122	444031	38.501	ng		96
28) bis(2-Chloroethoxy)met...	8.081	93	717509	38.293	ng		99
29) 2,4-Dichlorophenol	8.192	162	555993	39.885	ng		99
30) 1,2,4-Trichlorobenzene	8.275	180	610384	40.166	ng		99
31) Naphthalene	8.363	128	1900657	38.353	ng		99
32) Benzoic acid	8.116	122	450738	45.303	ng		92
33) 4-Chloroaniline	8.404	127	680258	37.017	ng		98
34) Hexachlorobutadiene	8.475	225	386602	41.437	ng		99
35) Caprolactam	8.792	113	169722m	38.427	ng		
36) 4-Chloro-3-methylphenol	8.881	107	584503	40.208	ng		93
37) 2-Methylnaphthalene	9.051	142	1237120	38.566	ng		99
38) 1-Methylnaphthalene	9.157	142	1203066	38.121	ng		98
40) 1,2,4,5-Tetrachloroben...	9.216	216	596915	40.141	ng		99
41) Hexachlorocyclopentadiene	9.204	237	263193	43.575	ng		99
43) 2,4,6-Trichlorophenol	9.328	196	409765	40.481	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.369	196	436639	39.066	ng		98
46) 1,1'-Biphenyl	9.522	154	1506066	39.087	ng		99
47) 2-Chloronaphthalene	9.545	162	1213652	39.014	ng		98
48) 2-Nitroaniline	9.639	65	334720	39.674	ng		97
49) Acenaphthylene	9.969	152	1718178	38.181	ng		100
50) Dimethylphthalate	9.822	163	1403609	39.601	ng		99
51) 2,6-Dinitrotoluene	9.881	165	333472	41.169	ng		99
52) Acenaphthene	10.139	154	1159312	38.866	ng		100
53) 3-Nitroaniline	10.057	138	316652	37.331	ng		96
54) 2,4-Dinitrophenol	10.157	184	180267	45.293	ng		98
55) Dibenzofuran	10.310	168	1644602	37.888	ng		97
56) 4-Nitrophenol	10.198	139	249961	35.555	ng		93
57) 2,4-Dinitrotoluene	10.286	165	436651	41.263	ng		99
58) Fluorene	10.657	166	1294902	37.484	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.422	232	338581	37.313	ng		97
60) Diethylphthalate	10.516	149	1347917	40.042	ng		100
61) 4-Chlorophenyl-phenyle...	10.639	204	660795	38.821	ng		94
62) 4-Nitroaniline	10.675	138	314242	36.524	ng		92
63) Azobenzene	10.804	77	1191929	36.635	ng		96
65) 4,6-Dinitro-2-methylph...	10.698	198	242335	44.830	ng		93
66) n-Nitrosodiphenylamine	10.763	169	1120805	39.757	ng		99
67) 4-Bromophenyl-phenylether	11.133	248	413654	41.040	ng		94
68) Hexachlorobenzene	11.204	284	445023	40.403	ng		96
69) Atrazine	11.286	200	297825	34.647	ng		99
70) Pentachlorophenol	11.392	266	292826	38.723	ng		98
71) Phenanthrene	11.622	178	1738004	37.861	ng		100
72) Anthracene	11.675	178	1755138	38.427	ng		100
73) Carbazole	11.827	167	1606791	36.502	ng		99
74) Di-n-butylphthalate	12.145	149	1975344	41.138	ng		100
75) Fluoranthene	12.816	202	1824055	36.351	ng		99
77) Benzidine	12.927	184	248536	20.051	ng		99
78) Pyrene	13.051	202	1817693	42.774	ng		100
80) Butylbenzylphthalate	13.651	149	690595	51.220	ng		99
81) Benzo(a)anthracene	14.239	228	1368743	39.929	ng		98
82) 3,3'-Dichlorobenzidine	14.198	252	388554	37.863	ng	#	98
83) Chrysene	14.274	228	1259893	39.253	ng		100
84) Bis(2-ethylhexyl)phtha...	14.204	149	907676	53.417	ng		100
85) Di-n-octyl phthalate	14.833	149	1286159	56.242	ng		98
87) Indeno(1,2,3-cd)pyrene	17.462	276	1144375	43.248	ng		98
88) Benzo(b)fluoranthene	15.345	252	1077060	37.194	ng		100
89) Benzo(k)fluoranthene	15.380	252	1082964	38.693	ng		98
90) Benzo(a)pyrene	15.751	252	927120	39.244	ng		100
91) Dibenzo(a,h)anthracene	17.480	278	936948	43.501	ng		99
92) Benzo(g,h,i)perylene	17.962	276	951470	42.139	ng		98

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

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