Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050824\
Data File : BF137850.D
Acq On : 08 May 2024 12:00
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: May 08 13:17:29 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	224321	20.000	ng		0.00
21) Naphthalene-d8	8.339	136	887921	20.000	ng		0.00
39) Acenaphthene-d10	10.104	164	504483	20.000	ng		0.00
64) Phenanthrene-d10	11.598	188	861904	20.000	ng		0.00
76) Chrysene-d12	14.251	240	468340	20.000	ng		0.00
86) Perylene-d12	15.821	264	420248	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.675	112	1341520	100.129	ng		0.00
7) Phenol-d6	6.681	99	1720441	101.238	ng		0.00
23) Nitrobenzene-d5	7.622	82	1200022	78.519	ng		0.00
42) 2,4,6-Tribromophenol	10.898	330	592032	114.938	ng		0.00
45) 2-Fluorobiphenyl	9.416	172	2400045	77.183	ng		0.00
79) Terphenyl-d14	13.186	244	2562518	91.695	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.963	88	246470	40.852	ng		97
3) Pyridine	3.728	79	514124	35.210	ng		99
4) n-Nitrosodimethylamine	3.710	42	251747	38.287	ng		96
6) Aniline	6.728	93	639029m	37.939	ng		
8) 2-Chlorophenol	6.845	128	550343	37.692	ng		96
9) Benzaldehyde	6.610	77	355346	38.828	ng		99
10) Phenol	6.693	94	635723	36.508	ng		99
11) bis(2-Chloroethyl)ether	6.793	93	518249	38.009	ng		97
12) 1,3-Dichlorobenzene	6.998	146	636715	38.671	ng		97
13) 1,4-Dichlorobenzene	7.075	146	647121	39.169	ng		97
14) 1,2-Dichlorobenzene	7.228	146	594943	38.234	ng		98
15) Benzyl Alcohol	7.193	79	478165	40.687	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.322	45	654592	34.156	ng		96
17) 2-Methylphenol	7.293	107	466833	39.624	ng		99
18) Hexachloroethane	7.569	117	229739	41.134	ng		99
19) n-Nitroso-di-n-propyla...	7.469	70	379967	37.413	ng		96
20) 3+4-Methylphenols	7.451	107	587817	37.923	ng	#	88
22) Acetophenone	7.463	105	764917	38.304	ng	#	99
24) Nitrobenzene	7.640	77	612653	38.895	ng		100
25) Isophorone	7.875	82	1097869	39.842	ng		99
26) 2-Nitrophenol	7.951	139	320164	44.885	ng		92
27) 2,4-Dimethylphenol	7.981	122	398245	38.781	ng		97
28) bis(2-Chloroethoxy)met...	8.081	93	643603	38.576	ng		99
29) 2,4-Dichlorophenol	8.192	162	499261	40.223	ng		98
30) 1,2,4-Trichlorobenzene	8.275	180	539218	39.850	ng		98
31) Naphthalene	8.363	128	1696758	38.453	ng		99
32) Benzoic acid	8.110	122	377476	42.609	ng		97
33) 4-Chloroaniline	8.404	127	616575	37.681	ng		99
34) Hexachlorobutadiene	8.469	225	348031	41.894	ng		99
35) Caprolactam	8.792	113	152176m	38.695	ng		
36) 4-Chloro-3-methylphenol	8.881	107	519047	40.100	ng		94
37) 2-Methylnaphthalene	9.051	142	1111200	38.904	ng		99
38) 1-Methylnaphthalene	9.157	142	1089996	38.789	ng		100
40) 1,2,4,5-Tetrachloroben...	9.216	216	531931	39.811	ng		99
41) Hexachlorocyclopentadiene	9.204	237	236991	43.668	ng		99
43) 2,4,6-Trichlorophenol	9.328	196	357626	39.320	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.363	196	394886	39.320	ng	#	94
46) 1,1'-Biphenyl	9.522	154	1351004	39.022	ng		98
47) 2-Chloronaphthalene	9.545	162	1093284	39.113	ng		97
48) 2-Nitroaniline	9.639	65	300074	39.584	ng		98
49) Acenaphthylene	9.969	152	1556851	38.503	ng		99
50) Dimethylphthalate	9.822	163	1278674	40.150	ng		99
51) 2,6-Dinitrotoluene	9.881	165	301168	41.380	ng		99
52) Acenaphthene	10.139	154	1051852	39.246	ng		99
53) 3-Nitroaniline	10.057	138	285606	37.473	ng		97
54) 2,4-Dinitrophenol	10.157	184	160576	44.902	ng		97
55) Dibenzofuran	10.310	168	1489413	38.187	ng		98
56) 4-Nitrophenol	10.198	139	229921	36.397	ng		94
57) 2,4-Dinitrotoluene	10.286	165	396929	41.745	ng		98
58) Fluorene	10.657	166	1176304	37.896	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.422	232	312558	38.334	ng		97
60) Diethylphthalate	10.516	149	1225226	40.507	ng		99
61) 4-Chlorophenyl-phenyle...	10.639	204	597190	39.046	ng		94
62) 4-Nitroaniline	10.675	138	288964	37.378	ng		92
63) Azobenzene	10.804	77	1101097	37.665	ng		96
65) 4,6-Dinitro-2-methylph...	10.698	198	220206	44.513	ng		90
66) n-Nitrosodiphenylamine	10.763	169	1019279	39.507	ng		99
67) 4-Bromophenyl-phenylether	11.133	248	382161	41.430	ng		95
68) Hexachlorobenzene	11.204	284	411105	40.783	ng		94
69) Atrazine	11.280	200	278826	35.444	ng		96
70) Pentachlorophenol	11.392	266	263227	38.035	ng		99
71) Phenanthrene	11.628	178	1600891	38.107	ng		99
72) Anthracene	11.675	178	1595842	38.178	ng		100
73) Carbazole	11.828	167	1484417	36.848	ng		99
74) Di-n-butylphthalate	12.145	149	1812262	41.240	ng		100
75) Fluoranthene	12.816	202	1660342	36.155	ng		99
77) Benzidine	12.933	184	250019	23.082	ng		98
78) Pyrene	13.051	202	1636237	44.063	ng		100
80) Butylbenzylphthalate	13.651	149	595006	50.502	ng		99
81) Benzo(a)anthracene	14.239	228	1190450	39.742	ng		99
82) 3,3'-Dichlorobenzidine	14.198	252	346404	38.629	ng		99
83) Chrysene	14.280	228	1114644	39.741	ng		98
84) Bis(2-ethylhexyl)phtha...	14.204	149	770839	51.914	ng		98
85) Di-n-octyl phthalate	14.833	149	1071913	53.641	ng		98
87) Indeno(1,2,3-cd)pyrene	17.462	276	1073603	44.935	ng		98
88) Benzo(b)fluoranthene	15.345	252	1004546	38.420	ng		99
89) Benzo(k)fluoranthene	15.380	252	934486	36.977	ng		98
90) Benzo(a)pyrene	15.751	252	847426	39.727	ng		100
91) Dibenzo(a,h)anthracene	17.486	278	884804	45.497	ng		99
92) Benzo(g,h,i)perylene	17.968	276	886467	43.481	ng		98

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

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