Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100124\
Data File : BF139590.D
Acq On : 01 Oct 2024 16:54
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Oct 02 04:40:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:31:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	111006	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	413839	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	234402	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	427457	20.000	ng		0.00
76) Chrysene-d12	14.039	240	215035	20.000	ng		0.00
86) Perylene-d12	15.504	264	211289	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	736889	108.293	ng		0.00
7) Phenol-d6	6.510	99	992411	111.114	ng		0.00
23) Nitrobenzene-d5	7.439	82	971816	110.397	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	261098	104.628	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1679052	100.464	ng		0.00
79) Terphenyl-d14	12.980	244	1601022	122.208	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	163137	59.757	ng		98
3) Pyridine	3.393	79	392062	65.137	ng		100
4) n-Nitrosodimethylamine	3.363	42	267046	51.187	ng		100
6) Aniline	6.539	93	408356	60.585	ng	#	88
8) 2-Chlorophenol	6.663	128	396864	56.659	ng		99
9) Benzaldehyde	6.422	77	226415	43.877	ng		99
10) Phenol	6.528	94	522696	57.461	ng		94
11) bis(2-Chloroethyl)ether	6.610	93	419782	60.716	ng		99
12) 1,3-Dichlorobenzene	6.810	146	445790	55.962	ng		99
13) 1,4-Dichlorobenzene	6.886	146	448871	55.761	ng		98
14) 1,2-Dichlorobenzene	7.045	146	413284	54.333	ng		99
15) Benzyl Alcohol	7.016	79	388435	54.512	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	733400	68.830	ng		92
17) 2-Methylphenol	7.128	107	334595	60.124	ng		99
18) Hexachloroethane	7.381	117	171718	56.005	ng		98
19) n-Nitroso-di-n-propyla...	7.292	70	323380	61.100	ng		98
20) 3+4-Methylphenols	7.286	107	409396	53.921	ng		98
22) Acetophenone	7.286	105	571552	52.829	ng		98
24) Nitrobenzene	7.463	77	506951	55.954	ng		100
25) Isophorone	7.698	82	863118	61.997	ng		100
26) 2-Nitrophenol	7.769	139	222157	62.938	ng		96
27) 2,4-Dimethylphenol	7.810	122	268651	57.699	ng		97
28) bis(2-Chloroethoxy)met...	7.904	93	510139	64.294	ng		99
29) 2,4-Dichlorophenol	8.016	162	342442	57.894	ng		99
30) 1,2,4-Trichlorobenzene	8.092	180	386552	56.087	ng		99
31) Naphthalene	8.175	128	1220665	56.500	ng		99
32) Benzoic acid	7.957	122	302063	69.324	ng		99
33) 4-Chloroaniline	8.233	127	413229	62.521	ng		99
34) Hexachlorobutadiene	8.286	225	249043	53.188	ng		99
35) Caprolactam	8.616	113	114220	62.774	ng		96
36) 4-Chloro-3-methylphenol	8.710	107	387206	57.279	ng		99
37) 2-Methylnaphthalene	8.869	142	786002	57.317	ng		99
38) 1-Methylnaphthalene	8.963	142	766290	56.917	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	377157	54.291	ng		99
41) Hexachlorocyclopentadiene	9.016	237	135692	55.942	ng		100
43) 2,4,6-Trichlorophenol	9.145	196	260713	57.684	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	276641	58.027	ng	97
46) 1,1'-Biphenyl	9.333	154	990287	54.915	ng	99
47) 2-Chloronaphthalene	9.357	162	751719	55.752	ng	100
48) 2-Nitroaniline	9.451	65	285967	57.021	ng	97
49) Acenaphthylene	9.775	152	1131300	55.739	ng	100
50) Dimethylphthalate	9.639	163	879422	57.162	ng	100
51) 2,6-Dinitrotoluene	9.698	165	205713	60.358	ng	97
52) Acenaphthene	9.945	154	788745	55.681	ng	99
53) 3-Nitroaniline	9.869	138	206215	60.543	ng	98
54) 2,4-Dinitrophenol	9.975	184	125225	65.938	ng	98
55) Dibenzofuran	10.116	168	1068813	54.134	ng	99
56) 4-Nitrophenol	10.027	139	165775	58.819	ng	98
57) 2,4-Dinitrotoluene	10.104	165	261260	56.779	ng	94
58) Fluorene	10.457	166	848142	52.649	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	224755	56.990	ng	99
60) Diethylphthalate	10.333	149	909321	57.275	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	425348	54.330	ng	97
62) 4-Nitroaniline	10.486	138	210472	56.618	ng	99
63) Azobenzene	10.610	77	908568	58.184	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	157900	69.989	ng	99
66) n-Nitrosodiphenylamine	10.569	169	729416	58.365	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	255156	60.236	ng	98
68) Hexachlorobenzene	11.004	284	286982	57.726	ng	99
70) Pentachlorophenol	11.198	266	181610	60.880	ng	99
71) Phenanthrene	11.422	178	1159374	56.217	ng	100
72) Anthracene	11.474	178	1133960	56.238	ng	100
73) Carbazole	11.627	167	1092813	56.627	ng	100
74) Di-n-butylphthalate	11.951	149	1348350	62.720	ng	100
75) Fluoranthene	12.610	202	1202586	54.604	ng	100
77) Benzidine	12.727	184	157484	51.118	ng	100
78) Pyrene	12.839	202	1205658	65.299	ng	100
80) Butylbenzylphthalate	13.451	149	432391	68.801	ng	99
81) Benzo(a)anthracene	14.027	228	838725	58.883	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	253814	60.847	ng	99
83) Chrysene	14.063	228	753573	57.505	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	547917	68.533	ng	100
85) Di-n-octyl phthalate	14.621	149	844526	71.727	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	804575	64.039	ng	100
88) Benzo(b)fluoranthene	15.074	252	764142	58.641	ng	100
89) Benzo(k)fluoranthene	15.110	252	658539	54.810	ng	99
90) Benzo(a)pyrene	15.445	252	633428	58.612	ng	99
91) Dibenzo(a,h)anthracene	17.003	278	665831	64.134	ng	99
92) Benzo(g,h,i)perylene	17.439	276	675985	65.761	ng	99

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

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