Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140590.D
Acq On : 25 Nov 2024 09:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Nov 25 18:48:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	105131	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	390145	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	212616	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	399326	20.000	ng		0.00
76) Chrysene-d12	14.051	240	244297	20.000	ng		0.00
86) Perylene-d12	15.545	264	211888	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	470615	76.378	ng		0.00
7) Phenol-d6	6.510	99	633777	77.804	ng		0.00
23) Nitrobenzene-d5	7.434	82	587615	77.040	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	178367	78.440	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1118753	78.399	ng		0.00
79) Terphenyl-d14	12.980	244	1176908	75.015	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	98712	38.103	ng		97
3) Pyridine	3.416	79	236295	41.455	ng		99
4) n-Nitrosodimethylamine	3.369	42	119549	35.685	ng		94
6) Aniline	6.540	93	259443	45.250	ng	#	74
8) 2-Chlorophenol	6.663	128	261308	39.419	ng		97
9) Benzaldehyde	6.422	77	163823	37.990	ng		97
10) Phenol	6.528	94	333559	40.096	ng		99
11) bis(2-Chloroethyl)ether	6.610	93	248111	38.975	ng		99
12) 1,3-Dichlorobenzene	6.810	146	290542	39.006	ng		100
13) 1,4-Dichlorobenzene	6.887	146	294081	38.992	ng		99
14) 1,2-Dichlorobenzene	7.045	146	276053	39.061	ng		99
15) Benzyl Alcohol	7.016	79	237020	39.236	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	299235	39.789	ng		85
17) 2-Methylphenol	7.128	107	207834	39.166	ng		96
18) Hexachloroethane	7.381	117	109405	38.839	ng		98
19) n-Nitroso-di-n-propyla...	7.281	70	185130	38.455	ng		98
20) 3+4-Methylphenols	7.281	107	263244	38.595	ng		97
22) Acetophenone	7.281	105	359944	37.843	ng		99
24) Nitrobenzene	7.457	77	300910	38.171	ng		98
25) Isophorone	7.692	82	492431	38.707	ng		100
26) 2-Nitrophenol	7.769	139	140623	40.253	ng		98
27) 2,4-Dimethylphenol	7.804	122	169792m	40.621	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	307613	39.691	ng		100
29) 2,4-Dichlorophenol	8.016	162	219962	39.714	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	249413	39.440	ng		99
31) Naphthalene	8.175	128	793741	39.498	ng		99
32) Benzoic acid	7.928	122	139453	39.786	ng		98
33) 4-Chloroaniline	8.222	127	258045	42.887	ng		99
34) Hexachlorobutadiene	8.287	225	165048	39.404	ng		99
35) Caprolactam	8.598	113	70356	41.047	ng		97
36) 4-Chloro-3-methylphenol	8.710	107	244946	39.500	ng		100
37) 2-Methylnaphthalene	8.863	142	507122	39.730	ng		99
38) 1-Methylnaphthalene	8.963	142	497021	39.726	ng		100
40) 1,2,4,5-Tetrachloroben...	9.034	216	249192	40.035	ng		99
41) Hexachlorocyclopentadiene	9.016	237	42528	34.918	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	156306	40.020	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	172363	40.663	ng	97
46) 1,1'-Biphenyl	9.328	154	630797	39.737	ng	100
47) 2-Chloronaphthalene	9.357	162	481726	40.050	ng	99
48) 2-Nitroaniline	9.451	65	153300	39.707	ng	99
49) Acenaphthylene	9.769	152	730688	40.206	ng	100
50) Dimethylphthalate	9.628	163	554938	39.631	ng	100
51) 2,6-Dinitrotoluene	9.692	165	129116	40.657	ng	98
52) Acenaphthene	9.945	154	463893	40.173	ng	99
53) 3-Nitroaniline	9.869	138	126708	40.794	ng	95
54) 2,4-Dinitrophenol	9.975	184	54066	37.481	ng	99
55) Dibenzofuran	10.116	168	703450	39.938	ng	100
56) 4-Nitrophenol	10.039	139	80992	38.234	ng	90
57) 2,4-Dinitrotoluene	10.104	165	173064	41.004	ng	97
58) Fluorene	10.457	166	559305	39.561	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	136090	41.775	ng	95
60) Diethylphthalate	10.328	149	558054	39.225	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	276169	39.804	ng	99
62) 4-Nitroaniline	10.481	138	130860	40.170	ng	96
63) Azobenzene	10.610	77	535875	39.774	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	83926	41.129	ng	98
66) n-Nitrosodiphenylamine	10.569	169	462410	39.157	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	162115	39.421	ng	98
68) Hexachlorobenzene	11.010	284	186412	39.147	ng	99
69) Atrazine	11.092	200	134171	40.387	ng	99
70) Pentachlorophenol	11.210	266	87978	41.979	ng	100
71) Phenanthrene	11.422	178	766734	39.944	ng	99
72) Anthracene	11.475	178	744369	39.643	ng	99
73) Carbazole	11.633	167	723289	40.042	ng	100
74) Di-n-butylphthalate	11.951	149	836498	40.112	ng	100
75) Fluoranthene	12.616	202	869668	41.729	ng	99
77) Benzidine	12.739	184	240586	33.872	ng	99
78) Pyrene	12.845	202	871645	38.588	ng	99
80) Butylbenzylphthalate	13.457	149	329616	40.507	ng	99
81) Benzo(a)anthracene	14.039	228	639698	39.557	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	184849	38.072	ng	100
83) Chrysene	14.074	228	583254	39.444	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	417403	40.623	ng	99
85) Di-n-octyl phthalate	14.645	149	593296	42.252	ng	98
87) Indeno(1,2,3-cd)pyrene	17.057	276	539566	39.075	ng	98
88) Benzo(b)fluoranthene	15.110	252	549051	41.254	ng	99
89) Benzo(k)fluoranthene	15.139	252	426772	36.644	ng	99
90) Benzo(a)pyrene	15.486	252	423923	39.175	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	441641	39.053	ng	99
92) Benzo(g,h,i)perylene	17.510	276	456904	39.594	ng	97

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

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