Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052423\
Data File : BP015277.D
Acq On : 24 May 2023 17:46
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: May 25 01:29:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 01:19:28 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	187138	20.000	ng	0.00
21) Naphthalene-d8	10.940	136	696760	20.000	ng	0.00
39) Acenaphthene-d10	14.751	164	414593	20.000	ng	0.00
64) Phenanthrene-d10	17.504	188	916695	20.000	ng	0.00
76) Chrysene-d12	21.586	240	852761	20.000	ng	0.00
86) Perylene-d12	24.139	264	1052916	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	938422	83.095	ng	0.00
7) Phenol-d6	7.263	99	1202313	81.236	ng	0.00
23) Nitrobenzene-d5	9.293	82	1177605	82.522	ng	0.00
42) 2,4,6-Tribromophenol	16.245	330	482961	85.722	ng	0.00
45) 2-Fluorobiphenyl	13.381	172	2492101	80.700	ng	0.00
79) Terphenyl-d14	20.039	244	3620976	79.869	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	211526	42.287	ng	100
3) Pyridine	3.875	79	538347	42.110	ng	100
4) n-Nitrosodimethylamine	3.787	42	244582	40.995	ng	100
6) Aniline	7.434	93	763102	40.794	ng	100
8) 2-Chlorophenol	7.669	128	477444	40.456	ng	100
9) Benzaldehyde	7.240	77	289047	40.380	ng	100
10) Phenol	7.293	94	597456	40.308	ng	100
11) bis(2-Chloroethyl)ether	7.528	93	498760	40.145	ng	100
12) 1,3-Dichlorobenzene	7.999	146	526439	40.088	ng	100
13) 1,4-Dichlorobenzene	8.146	146	526875	39.859	ng	100
14) 1,2-Dichlorobenzene	8.469	146	502319	39.829	ng	100
15) Benzyl Alcohol	8.357	79	430726	41.696	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.640	45	645141	40.261	ng	100
17) 2-Methylphenol	8.557	107	432310	40.984	ng	100
18) Hexachloroethane	9.204	117	198652	39.875	ng	100
19) n-Nitroso-di-n-propyla...	8.928	70	389153	41.083	ng	100
20) 3+4-Methylphenols	8.887	107	592223	41.558	ng	100
22) Acetophenone	8.946	105	736245	40.682	ng	100
24) Nitrobenzene	9.334	77	582220	40.975	ng	100
25) Isophorone	9.863	82	1078472	42.114	ng	100
26) 2-Nitrophenol	10.046	139	262955	42.162	ng	100
27) 2,4-Dimethylphenol	10.099	122	438935	41.978	ng	100
28) bis(2-Chloroethoxy)met...	10.340	93	656919	41.622	ng	100
29) 2,4-Dichlorophenol	10.581	162	453086	41.792	ng	100
30) 1,2,4-Trichlorobenzene	10.799	180	488656	40.408	ng	100
31) Naphthalene	10.993	128	1475694	40.216	ng	100
32) Benzoic acid	10.246	122	325518	40.404	ng	100
33) 4-Chloroaniline	11.104	127	649238	42.795	ng	100
34) Hexachlorobutadiene	11.269	225	307533	40.137	ng	100
35) Caprolactam	11.893	113	149264	44.846	ng	100
36) 4-Chloro-3-methylphenol	12.216	107	505430	42.879	ng	100
37) 2-Methylnaphthalene	12.587	142	1068548	40.972	ng	100
38) 1-Methylnaphthalene	12.804	142	1003686	41.248	ng	100
40) 1,2,4,5-Tetrachloroben...	12.951	216	546073	40.141	ng	100
41) Hexachlorocyclopentadiene	12.928	237	310364	43.073	ng	100
43) 2,4,6-Trichlorophenol	13.187	196	372275	42.160	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.263	196	438997	42.290	ng	100
46) 1,1'-Biphenyl	13.587	154	1330080	40.490	ng	100
47) 2-Chloronaphthalene	13.634	162	1001091	40.399	ng	100
48) 2-Nitroaniline	13.840	65	335214	44.283	ng	100
49) Acenaphthylene	14.475	152	1659282	41.848	ng	100
50) Dimethylphthalate	14.204	163	1357289	41.846	ng	100
51) 2,6-Dinitrotoluene	14.328	165	296557	43.305	ng	100
52) Acenaphthene	14.816	154	970361	41.089	ng	100
53) 3-Nitroaniline	14.663	138	317589	45.376	ng	100
54) 2,4-Dinitrophenol	14.869	184	175041	40.708	ng	100
55) Dibenzofuran	15.151	168	1595566	41.302	ng	100
56) 4-Nitrophenol	14.957	139	250125	42.361	ng	100
57) 2,4-Dinitrotoluene	15.116	165	404909	44.968	ng	100
58) Fluorene	15.798	166	1240942	41.590	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.375	232	358529	43.185	ng	100
60) Diethylphthalate	15.563	149	1372744	42.485	ng	100
61) 4-Chlorophenyl-phenyle...	15.787	204	627200	41.053	ng	100
62) 4-Nitroaniline	15.822	138	317820	42.499	ng	100
63) Azobenzene	16.081	77	1292390	41.928	ng	100
65) 4,6-Dinitro-2-methylph...	15.881	198	246199	44.217	ng	100
66) n-Nitrosodiphenylamine	16.004	169	1109603	40.621	ng	100
67) 4-Bromophenyl-phenylether	16.686	248	401137	40.470	ng	100
68) Hexachlorobenzene	16.804	284	440328	40.339	ng	100
69) Atrazine	16.957	200	373149	42.782	ng	100
70) Pentachlorophenol	17.151	266	322181	43.069	ng	100
71) Phenanthrene	17.551	178	1979116	40.508	ng	100
72) Anthracene	17.639	178	2012967	41.139	ng	100
73) Carbazole	17.910	167	1834154	42.331	ng	100
74) Di-n-butylphthalate	18.439	149	2351027	42.252	ng	100
75) Fluoranthene	19.498	202	2385331	41.792	ng	100
77) Benzidine	19.675	184	645226	47.578	ng	100
78) Pyrene	19.857	202	2467613	40.443	ng	100
80) Butylbenzylphthalate	20.710	149	1098930	42.500	ng	100
81) Benzo(a)anthracene	21.569	228	2446892	41.297	ng	100
82) 3,3'-Dichlorobenzidine	21.492	252	785387	42.916	ng	100
83) Chrysene	21.627	228	2322883	40.885	ng	100
84) Bis(2-ethylhexyl)phtha...	21.469	149	1639184	43.043	ng	100
85) Di-n-octyl phthalate	22.439	149	2797480	43.423	ng	100
87) Indeno(1,2,3-cd)pyrene	26.851	276	3129128	41.002	ng	100
88) Benzo(b)fluoranthene	23.357	252	2537172	39.633	ng	100
89) Benzo(k)fluoranthene	23.410	252	2535973	39.339	ng	100
90) Benzo(a)pyrene	24.027	252	2479061	40.110	ng	100
91) Dibenzo(a,h)anthracene	26.868	278	2573418	41.061	ng	100
92) Benzo(g,h,i)perylene	27.686	276	2629689	41.294	ng	100

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

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