Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052523\
Data File : BP015298.D
Acq On : 25 May 2023 19:28
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 26 04:51:44 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 01:41:43 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.110	152	196620	20.000	ng		0.00
21) Naphthalene-d8	10.940	136	767205	20.000	ng		0.00
39) Acenaphthene-d10	14.751	164	431581	20.000	ng		0.00
64) Phenanthrene-d10	17.504	188	826816	20.000	ng		0.00
76) Chrysene-d12	21.586	240	682631	20.000	ng		0.00
86) Perylene-d12	24.139	264	820705	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.634	112	972439	81.954	ng		0.00
7) Phenol-d6	7.263	99	1283726	82.554	ng		0.00
23) Nitrobenzene-d5	9.287	82	1303593	82.963	ng		0.00
42) 2,4,6-Tribromophenol	16.239	330	446605	76.149	ng		0.00
45) 2-Fluorobiphenyl	13.375	172	2727062	84.833	ng		0.00
79) Terphenyl-d14	20.039	244	3064924	84.453	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.452	88	211742	40.289	ng		97
3) Pyridine	3.875	79	587004	43.705	ng		99
4) n-Nitrosodimethylamine	3.781	42	274721	43.827	ng		94
6) Aniline	7.428	93	824356	41.943	ng		99
8) 2-Chlorophenol	7.669	128	509227	41.068	ng		99
9) Benzaldehyde	7.240	77	304686	40.587	ng		98
10) Phenol	7.287	94	639475	41.062	ng		98
11) bis(2-Chloroethyl)ether	7.522	93	540770	41.427	ng		97
12) 1,3-Dichlorobenzene	7.993	146	549549	39.830	ng		98
13) 1,4-Dichlorobenzene	8.146	146	559301	40.271	ng		100
14) 1,2-Dichlorobenzene	8.463	146	529567	39.965	ng		98
15) Benzyl Alcohol	8.352	79	468558	43.170	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.646	45	719472m	42.744	ng		
17) 2-Methylphenol	8.552	107	465763	42.026	ng		99
18) Hexachloroethane	9.199	117	212543	40.606	ng		98
19) n-Nitroso-di-n-propyla...	8.928	70	429334	43.139	ng		98
20) 3+4-Methylphenols	8.887	107	644229	43.027	ng		99
22) Acetophenone	8.946	105	807233	40.509	ng	#	99
24) Nitrobenzene	9.328	77	644907	41.219	ng		97
25) Isophorone	9.857	82	1156535	41.015	ng		98
26) 2-Nitrophenol	10.046	139	288239	41.973	ng		99
27) 2,4-Dimethylphenol	10.098	122	473778	41.150	ng		98
28) bis(2-Chloroethoxy)met...	10.340	93	730918	42.058	ng		100
29) 2,4-Dichlorophenol	10.581	162	495699	41.524	ng		99
30) 1,2,4-Trichlorobenzene	10.798	180	535533	40.218	ng		99
31) Naphthalene	10.987	128	1633066	40.418	ng		99
32) Benzoic acid	10.246	122	329807	37.726	ng		99
33) 4-Chloroaniline	11.098	127	695091	41.611	ng		98
34) Hexachlorobutadiene	11.269	225	337607	40.016	ng		99
35) Caprolactam	11.887	113	134388	36.669	ng		96
36) 4-Chloro-3-methylphenol	12.210	107	531600	40.958	ng		99
37) 2-Methylnaphthalene	12.587	142	1167846	40.668	ng		99
38) 1-Methylnaphthalene	12.804	142	1096737	40.933	ng		100
40) 1,2,4,5-Tetrachloroben...	12.951	216	594952	42.013	ng		100
41) Hexachlorocyclopentadiene	12.928	237	336126	44.812	ng		99
43) 2,4,6-Trichlorophenol	13.187	196	394128	42.878	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.263	196	460374	42.604	ng	98
46) 1,1'-Biphenyl	13.587	154	1436764	42.017	ng	99
47) 2-Chloronaphthalene	13.634	162	1083752	42.013	ng	99
48) 2-Nitroaniline	13.839	65	335361	42.559	ng	97
49) Acenaphthylene	14.475	152	1710360	41.438	ng	100
50) Dimethylphthalate	14.204	163	1330016	39.391	ng	100
51) 2,6-Dinitrotoluene	14.328	165	286736	40.223	ng	97
52) Acenaphthene	14.816	154	1013301	41.219	ng	98
53) 3-Nitroaniline	14.657	138	297863	40.882	ng	96
54) 2,4-Dinitrophenol	14.869	184	161233	36.618	ng	96
55) Dibenzofuran	15.151	168	1637641	40.722	ng	99
56) 4-Nitrophenol	14.957	139	220796	36.443	ng	98
57) 2,4-Dinitrotoluene	15.116	165	375691	40.081	ng	99
58) Fluorene	15.798	166	1244569	40.070	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.375	232	341843	39.554	ng	99
60) Diethylphthalate	15.563	149	1317618	39.174	ng	99
61) 4-Chlorophenyl-phenyle...	15.786	204	641466	40.334	ng	98
62) 4-Nitroaniline	15.822	138	277051	35.971	ng	99
63) Azobenzene	16.081	77	1322643	41.220	ng	99
65) 4,6-Dinitro-2-methylph...	15.881	198	219196	43.647	ng	97
66) n-Nitrosodiphenylamine	16.004	169	1076000	43.673	ng	100
67) 4-Bromophenyl-phenylether	16.686	248	390111	43.636	ng	98
68) Hexachlorobenzene	16.804	284	414781	42.129	ng	98
69) Atrazine	16.957	200	324775	41.284	ng	99
70) Pentachlorophenol	17.151	266	286635	42.483	ng	99
71) Phenanthrene	17.551	178	1823963	41.390	ng	99
72) Anthracene	17.639	178	1845725	41.822	ng	100
73) Carbazole	17.904	167	1596262	40.846	ng	100
74) Di-n-butylphthalate	18.439	149	2078437	41.414	ng	100
75) Fluoranthene	19.498	202	2014455	39.131	ng	99
77) Benzidine	19.674	184	479430	44.352	ng	100
78) Pyrene	19.851	202	2080114	42.588	ng	99
80) Butylbenzylphthalate	20.710	149	882723	42.647	ng	98
81) Benzo(a)anthracene	21.568	228	1968628	41.506	ng	99
82) 3,3'-Dichlorobenzidine	21.492	252	606997	41.434	ng	100
83) Chrysene	21.621	228	1879828	41.333	ng	99
84) Bis(2-ethylhexyl)phtha...	21.468	149	1309310	42.950	ng	100
85) Di-n-octyl phthalate	22.439	149	2211403	42.881	ng	99
87) Indeno(1,2,3-cd)pyrene	26.845	276	2459735	41.350	ng	99
88) Benzo(b)fluoranthene	23.351	252	2035484	40.792	ng	99
89) Benzo(k)fluoranthene	23.404	252	1943717	38.683	ng	99
90) Benzo(a)pyrene	24.027	252	1930657	40.075	ng	99
91) Dibenzo(a,h)anthracene	26.862	278	2043114	41.823	ng	99
92) Benzo(g,h,i)perylene	27.680	276	2054891	41.398	ng	99

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

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