Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
Data File : BP015300.D
Acq On : 26 May 2023 09:24
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 26 10:33:06 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 :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
05/30/2023
Supervised By :Jagrut Upadhyay
05/31/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.110	152	223435	20.000	ng		0.00
21) Naphthalene-d8	10.940	136	845738	20.000	ng		0.00
39) Acenaphthene-d10	14.751	164	466173	20.000	ng		0.00
64) Phenanthrene-d10	17.504	188	906236	20.000	ng		0.00
76) Chrysene-d12	21.586	240	781766	20.000	ng		0.00
86) Perylene-d12	24.139	264	967735	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.634	112	1034711	76.737	ng		0.00
7) Phenol-d6	7.263	99	1370191	77.540	ng		0.00
23) Nitrobenzene-d5	9.287	82	1345864	77.699	ng		0.00
42) 2,4,6-Tribromophenol	16.245	330	457284	72.184	ng		0.00
45) 2-Fluorobiphenyl	13.375	172	2725467	78.492	ng		0.00
79) Terphenyl-d14	20.039	244	3161153	76.059	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.452	88	224144	37.530	ng		97
3) Pyridine	3.875	79	603532	39.543	ng		99
4) n-Nitrosodimethylamine	3.781	42	277549	38.964	ng		97
6) Aniline	7.428	93	876462	39.243	ng		99
8) 2-Chlorophenol	7.663	128	533228	37.843	ng		97
9) Benzaldehyde	7.240	77	326237m	37.870	ng		
10) Phenol	7.287	94	681565	38.513	ng		99
11) bis(2-Chloroethyl)ether	7.522	93	567797	38.277	ng		98
12) 1,3-Dichlorobenzene	7.993	146	587542	37.473	ng		99
13) 1,4-Dichlorobenzene	8.146	146	594993	37.700	ng		99
14) 1,2-Dichlorobenzene	8.463	146	567217	37.669	ng		98
15) Benzyl Alcohol	8.351	79	490660	39.781	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.646	45	746203m	39.012	ng		
17) 2-Methylphenol	8.552	107	493133	39.155	ng		98
18) Hexachloroethane	9.199	117	223046	37.498	ng		98
19) n-Nitroso-di-n-propyla...	8.928	70	443337	39.200	ng		100
20) 3+4-Methylphenols	8.887	107	662833	38.957	ng		99
22) Acetophenone	8.946	105	846171	38.520	ng	#	98
24) Nitrobenzene	9.328	77	667288	38.689	ng		97
25) Isophorone	9.857	82	1191695	38.338	ng		99
26) 2-Nitrophenol	10.046	139	301436	39.818	ng		98
27) 2,4-Dimethylphenol	10.098	122	486614	38.341	ng		98
28) bis(2-Chloroethoxy)met...	10.340	93	750369	39.168	ng		99
29) 2,4-Dichlorophenol	10.581	162	509045	38.683	ng		99
30) 1,2,4-Trichlorobenzene	10.798	180	550355	37.493	ng		100
31) Naphthalene	10.987	128	1674070	37.586	ng		99
32) Benzoic acid	10.240	122	343712	36.012	ng		97
33) 4-Chloroaniline	11.098	127	708123	38.454	ng		98
34) Hexachlorobutadiene	11.269	225	351053	37.746	ng		99
35) Caprolactam	11.893	113	137816	34.112	ng		97
36) 4-Chloro-3-methylphenol	12.210	107	539517	37.708	ng		98
37) 2-Methylnaphthalene	12.587	142	1181744	37.330	ng		99
38) 1-Methylnaphthalene	12.804	142	1104807	37.405	ng		99
40) 1,2,4,5-Tetrachloroben...	12.951	216	603764	39.471	ng		100
41) Hexachlorocyclopentadiene	12.928	237	343101	42.348	ng		98
43) 2,4,6-Trichlorophenol	13.187	196	398310	40.117	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.263	196	459540	39.371	ng	99
46) 1,1'-Biphenyl	13.587	154	1448501	39.217	ng	99
47) 2-Chloronaphthalene	13.634	162	1078199	38.696	ng	99
48) 2-Nitroaniline	13.839	65	333554	39.188	ng	96
49) Acenaphthylene	14.475	152	1725434	38.701	ng	99
50) Dimethylphthalate	14.204	163	1347202	36.939	ng	100
51) 2,6-Dinitrotoluene	14.328	165	292505	37.987	ng	98
52) Acenaphthene	14.816	154	1004071	37.812	ng	97
53) 3-Nitroaniline	14.657	138	300811	38.223	ng	96
54) 2,4-Dinitrophenol	14.869	184	164278	34.835	ng	98
55) Dibenzofuran	15.151	168	1620565	37.307	ng	100
56) 4-Nitrophenol	14.957	139	227563	34.930	ng	97
57) 2,4-Dinitrotoluene	15.116	165	382158	37.746	ng	99
58) Fluorene	15.798	166	1229422	36.645	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.375	232	345342	36.994	ng	99
60) Diethylphthalate	15.563	149	1326093	36.500	ng	99
61) 4-Chlorophenyl-phenyle...	15.786	204	640536	37.287	ng	99
62) 4-Nitroaniline	15.822	138	284924	34.359	ng	98
63) Azobenzene	16.081	77	1306036	37.683	ng	99
65) 4,6-Dinitro-2-methylph...	15.881	198	223232	40.555	ng	100
66) n-Nitrosodiphenylamine	16.004	169	1080082	39.997	ng	100
67) 4-Bromophenyl-phenylether	16.686	248	385111	39.301	ng	98
68) Hexachlorobenzene	16.804	284	423506	39.245	ng	99
69) Atrazine	16.951	200	332343	38.543	ng	97
70) Pentachlorophenol	17.151	266	293993	39.755	ng	99
71) Phenanthrene	17.551	178	1847381	38.248	ng	100
72) Anthracene	17.639	178	1865249	38.560	ng	100
73) Carbazole	17.910	167	1634896	38.168	ng	100
74) Di-n-butylphthalate	18.439	149	2101835	38.210	ng	99
75) Fluoranthene	19.498	202	2078656	36.840	ng	99
77) Benzidine	19.674	184	513853	41.508	ng	98
78) Pyrene	19.851	202	2148736	38.415	ng	100
80) Butylbenzylphthalate	20.710	149	916192	38.651	ng	99
81) Benzo(a)anthracene	21.568	228	2088053	38.441	ng	100
82) 3,3'-Dichlorobenzidine	21.492	252	647233	38.578	ng	99
83) Chrysene	21.621	228	1988431	38.176	ng	100
84) Bis(2-ethylhexyl)phtha...	21.463	149	1380772	39.550	ng	99
85) Di-n-octyl phthalate	22.439	149	2353207	39.844	ng	99
87) Indeno(1,2,3-cd)pyrene	26.839	276	2664400	37.985	ng	100
88) Benzo(b)fluoranthene	23.351	252	2118616	36.007	ng	99
89) Benzo(k)fluoranthene	23.404	252	2188157	36.931	ng	99
90) Benzo(a)pyrene	24.021	252	2102854	37.017	ng	99
91) Dibenzo(a,h)anthracene	26.862	278	2211691	38.395	ng	99
92) Benzo(g,h,i)perylene	27.674	276	2226592	38.042	ng	99

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

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