Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052423\
Data File : BP015278.D
Acq On : 24 May 2023 18:20
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 25 01:30:53 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

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.110	152	239885	20.000	ng		0.00
21) Naphthalene-d8	10.940	136	874130	20.000	ng		0.00
39) Acenaphthene-d10	14.751	164	513678	20.000	ng		0.00
64) Phenanthrene-d10	17.504	188	1077886	20.000	ng		0.00
76) Chrysene-d12	21.586	240	974129	20.000	ng		0.00
86) Perylene-d12	24.139	264	1172775	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.634	112	1337868	92.416	ng		0.00
7) Phenol-d6	7.269	99	1788079	94.249	ng		0.00
23) Nitrobenzene-d5	9.293	82	1735598	96.945	ng		0.00
42) 2,4,6-Tribromophenol	16.245	330	677581	97.067	ng		0.00
45) 2-Fluorobiphenyl	13.381	172	3503959	91.580	ng		0.00
79) Terphenyl-d14	20.039	244	4711394	90.973	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.452	88	294068	45.862	ng		97
3) Pyridine	3.875	79	784762	47.887	ng		98
4) n-Nitrosodimethylamine	3.787	42	363700	47.557	ng		98
6) Aniline	7.434	93	1143699	47.696	ng		100
8) 2-Chlorophenol	7.669	128	705182	46.614	ng		98
9) Benzaldehyde	7.240	77	431331m	48.057	ng		
10) Phenol	7.293	94	898869	47.309	ng		99
11) bis(2-Chloroethyl)ether	7.528	93	744061	46.720	ng		99
12) 1,3-Dichlorobenzene	7.999	146	777830	46.207	ng		98
13) 1,4-Dichlorobenzene	8.146	146	788030	46.507	ng		98
14) 1,2-Dichlorobenzene	8.469	146	742727	45.942	ng		99
15) Benzyl Alcohol	8.357	79	650809	49.147	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.646	45	944132m	45.964	ng		
17) 2-Methylphenol	8.557	107	642312	47.503	ng		97
18) Hexachloroethane	9.204	117	298185	46.693	ng		100
19) n-Nitroso-di-n-propyla...	8.928	70	562206	46.302	ng		99
20) 3+4-Methylphenols	8.893	107	874814	47.890	ng		99
22) Acetophenone	8.946	105	1079477	47.545	ng	#	99
24) Nitrobenzene	9.334	77	857955	48.128	ng		98
25) Isophorone	9.863	82	1563240	48.657	ng		99
26) 2-Nitrophenol	10.046	139	401270	51.284	ng		97
27) 2,4-Dimethylphenol	10.104	122	633825	48.317	ng		99
28) bis(2-Chloroethoxy)met...	10.340	93	951512	48.054	ng		100
29) 2,4-Dichlorophenol	10.587	162	674702	49.606	ng		99
30) 1,2,4-Trichlorobenzene	10.804	180	721054	47.526	ng		100
31) Naphthalene	10.993	128	2174095	47.227	ng		99
32) Benzoic acid	10.263	122	497297	47.847	ng		97
33) 4-Chloroaniline	11.104	127	942063	49.497	ng		99
34) Hexachlorobutadiene	11.269	225	463969	48.267	ng		98
35) Caprolactam	11.904	113	207073	49.590	ng		94
36) 4-Chloro-3-methylphenol	12.216	107	724723	49.007	ng		100
37) 2-Methylnaphthalene	12.592	142	1549002	47.343	ng		98
38) 1-Methylnaphthalene	12.810	142	1442292	47.246	ng		100
40) 1,2,4,5-Tetrachloroben...	12.951	216	795559	47.200	ng		99
41) Hexachlorocyclopentadiene	12.928	237	464694	52.052	ng		99
43) 2,4,6-Trichlorophenol	13.192	196	539309	49.295	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.263	196	629147	48.917	ng	98
46) 1,1'-Biphenyl	13.592	154	1885870	46.336	ng	99
47) 2-Chloronaphthalene	13.634	162	1422558	46.333	ng	100
48) 2-Nitroaniline	13.839	65	471727	50.296	ng	98
49) Acenaphthylene	14.481	152	2320970	47.245	ng	100
50) Dimethylphthalate	14.210	163	1889235	47.011	ng	100
51) 2,6-Dinitrotoluene	14.334	165	419004	49.383	ng	94
52) Acenaphthene	14.816	154	1354345	46.287	ng	97
53) 3-Nitroaniline	14.663	138	439483	50.680	ng	97
54) 2,4-Dinitrophenol	14.869	184	253404	46.691	ng	99
55) Dibenzofuran	15.151	168	2206677	46.102	ng	99
56) 4-Nitrophenol	14.963	139	347546	47.090	ng	96
57) 2,4-Dinitrotoluene	15.116	165	565255	50.667	ng	99
58) Fluorene	15.798	166	1696708	45.896	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.375	232	494631	48.086	ng	99
60) Diethylphthalate	15.563	149	1883544	47.049	ng	100
61) 4-Chlorophenyl-phenyle...	15.786	204	867846	45.848	ng	100
62) 4-Nitroaniline	15.828	138	433003	46.506	ng	99
63) Azobenzene	16.086	77	1797754	47.073	ng	98
65) 4,6-Dinitro-2-methylph...	15.881	198	341948	52.230	ng	97
66) n-Nitrosodiphenylamine	16.004	169	1524893	47.477	ng	99
67) 4-Bromophenyl-phenylether	16.686	248	557024	47.793	ng	100
68) Hexachlorobenzene	16.810	284	607579	47.337	ng	97
69) Atrazine	16.957	200	495330	48.298	ng	98
70) Pentachlorophenol	17.151	266	452824	51.481	ng	98
71) Phenanthrene	17.551	178	2691799	46.856	ng	99
72) Anthracene	17.639	178	2725636	47.374	ng	100
73) Carbazole	17.910	167	2467827	48.439	ng	99
74) Di-n-butylphthalate	18.439	149	3192113	48.789	ng	100
75) Fluoranthene	19.504	202	3203129	47.728	ng	99
77) Benzidine	19.674	184	763987	49.317	ng	99
78) Pyrene	19.857	202	3278961	47.045	ng	100
80) Butylbenzylphthalate	20.710	149	1483209	50.215	ng	99
81) Benzo(a)anthracene	21.568	228	3252712	48.057	ng	100
82) 3,3'-Dichlorobenzidine	21.492	252	1046958	50.081	ng	100
83) Chrysene	21.627	228	3082829	47.500	ng	99
84) Bis(2-ethylhexyl)phtha...	21.463	149	2191844	50.384	ng	99
85) Di-n-octyl phthalate	22.439	149	3779838	51.362	ng	100
87) Indeno(1,2,3-cd)pyrene	26.856	276	4232905	49.796	ng	99
88) Benzo(b)fluoranthene	23.357	252	3374632	47.327	ng	100
89) Benzo(k)fluoranthene	23.410	252	3414783	47.558	ng	99
90) Benzo(a)pyrene	24.027	252	3349507	48.654	ng	100
91) Dibenzo(a,h)anthracene	26.874	278	3453472	49.471	ng	99
92) Benzo(g,h,i)perylene	27.692	276	3555646	50.128	ng	99

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

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