Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012623\
Data File : BP013594.D
Acq On : 26 Jan 2023 12:52
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 27 02:37:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 27 02:35:24 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.152	152	173110	20.000	ng		0.00
21) Naphthalene-d8	10.987	136	693489	20.000	ng		0.00
39) Acenaphthene-d10	14.793	164	486190	20.000	ng		0.00
64) Phenanthrene-d10	17.545	188	1185462	20.000	ng		0.00
76) Chrysene-d12	21.627	240	1229541	20.000	ng		0.00
86) Perylene-d12	24.216	264	1253142	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.681	112	199776	20.680	ng		0.00
7) Phenol-d6	7.293	99	270643	20.739	ng		0.00
23) Nitrobenzene-d5	9.328	82	238157	18.870	ng		0.00
42) 2,4,6-Tribromophenol	16.281	330	141938	19.175	ng		0.00
45) 2-Fluorobiphenyl	13.416	172	712869	20.941	ng		0.00
79) Terphenyl-d14	20.075	244	1309279	18.791	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.528	88	43768	10.276	ng		98
3) Pyridine	3.946	79	122189m	10.277	ng		
4) n-Nitrosodimethylamine	3.852	42	46124m	9.835	ng		
6) Aniline	7.469	93	175414	10.142	ng		98
8) 2-Chlorophenol	7.711	128	106104	10.347	ng		99
9) Benzaldehyde	7.281	77	96958	12.973	ng		99
10) Phenol	7.322	94	139255	10.187	ng		99
11) bis(2-Chloroethyl)ether	7.564	93	117534	10.382	ng		99
12) 1,3-Dichlorobenzene	8.040	146	120384	10.170	ng		95
13) 1,4-Dichlorobenzene	8.193	146	123320	10.274	ng		99
14) 1,2-Dichlorobenzene	8.511	146	116321	10.293	ng		98
15) Benzyl Alcohol	8.387	79	99335	9.803	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.687	45	131694	10.323	ng		98
17) 2-Methylphenol	8.587	107	102194	10.360	ng		98
18) Hexachloroethane	9.252	117	44149	10.266	ng		95
19) n-Nitroso-di-n-propyla...	8.963	70	87448	10.311	ng		98
20) 3+4-Methylphenols	8.916	107	138752	10.264	ng		99
22) Acetophenone	8.981	105	183785	10.499	ng	#	98
24) Nitrobenzene	9.369	77	124376	9.416	ng		98
25) Isophorone	9.899	82	280005	10.128	ng		98
26) 2-Nitrophenol	10.087	139	50343	8.872	ng		91
27) 2,4-Dimethylphenol	10.134	122	103517	9.855	ng		99
28) bis(2-Chloroethoxy)met...	10.381	93	156377	9.942	ng		98
29) 2,4-Dichlorophenol	10.622	162	114714	9.705	ng		100
30) 1,2,4-Trichlorobenzene	10.846	180	128389	9.797	ng		99
31) Naphthalene	11.034	128	362771	10.295	ng		99
32) Benzoic acid	10.205	122	59859	7.818	ng		92
33) 4-Chloroaniline	11.140	127	151063	9.874	ng		99
34) Hexachlorobutadiene	11.322	225	85570	9.711	ng		99
35) Caprolactam	11.899	113	32095m	9.544	ng		
36) 4-Chloro-3-methylphenol	12.240	107	126377	10.085	ng		99
37) 2-Methylnaphthalene	12.628	142	281520	10.453	ng		98
38) 1-Methylnaphthalene	12.846	142	264066	10.476	ng		99
40) 1,2,4,5-Tetrachloroben...	12.993	216	163184	9.634	ng		100
41) Hexachlorocyclopentadiene	12.975	237	72931	8.334	ng		95
43) 2,4,6-Trichlorophenol	13.222	196	108726	9.593	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.293	196	125160	9.443	ng		99
46)	1,1'-Biphenyl	13.628	154	373195	10.301	ng		99
47)	2-Chloronaphthalene	13.669	162	284560	10.292	ng		99
48)	2-Nitroaniline	13.869	65	43127	7.498	ng		92
49)	Acenaphthylene	14.516	152	469478	10.295	ng		99
50)	Dimethylphthalate	14.240	163	379078	10.038	ng		100
51)	2,6-Dinitrotoluene	14.357	165	60524	8.591	ng		98
52)	Acenaphthene	14.857	154	293228	10.149	ng		99
53)	3-Nitroaniline	14.687	138	61365	8.756	ng		96
54)	2,4-Dinitrophenol	14.887	184	34764	7.492	ng		99
55)	Dibenzofuran	15.187	168	476308	10.419	ng		98
56)	4-Nitrophenol	14.975	139	56727	9.215	ng		96
57)	2,4-Dinitrotoluene	15.140	165	77952	8.345	ng		97
58)	Fluorene	15.840	166	379931	10.868	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.410	232	113607	9.894	ng		99
60)	Diethylphthalate	15.604	149	327430	9.494	ng		100
61)	4-Chlorophenyl-phenyle...	15.828	204	204503	10.360	ng		98
62)	4-Nitroaniline	15.845	138	61146	9.072	ng		91
63)	Azobenzene	16.122	77	370447	10.542	ng		97
65)	4,6-Dinitro-2-methylph...	15.904	198	49596	7.781	ng		97
66)	n-Nitrosodiphenylamine	16.040	169	333674	10.216	ng		97
67)	4-Bromophenyl-phenylether	16.728	248	133493	9.770	ng		98
68)	Hexachlorobenzene	16.845	284	143615	9.616	ng		99
69)	Atrazine	16.992	200	90876	9.102	ng		97
70)	Pentachlorophenol	17.187	266	112167	9.664	ng		99
71)	Phenanthrene	17.587	178	624512	10.272	ng		99
72)	Anthracene	17.681	178	643311	10.472	ng		99
73)	Carbazole	17.939	167	585314	10.692	ng		99
74)	Di-n-butylphthalate	18.481	149	334173	7.649	ng		99
75)	Fluoranthene	19.539	202	831170	10.961	ng		99
77)	Benzidine	19.704	184	107235	8.319	ng		100
78)	Pyrene	19.892	202	865543	9.096	ng		99
80)	Butylbenzylphthalate	20.751	149	80870	7.302	ng		97
81)	Benzo(a)anthracene	21.610	228	857424	9.903	ng		99
82)	3,3'-Dichlorobenzidine	21.533	252	128752	6.587	ng		97
83)	Chrysene	21.669	228	803498	9.877	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.516	149	128991	7.723	ng		98
85)	Di-n-octyl phthalate	22.504	149	214920	6.887	ng	#	95
87)	Indeno(1,2,3-cd)pyrene	26.951	276	794190	9.015	ng		98
88)	Benzo(b)fluoranthene	23.416	252	791557	9.839	ng		98
89)	Benzo(k)fluoranthene	23.474	252	780761	9.752	ng		98
90)	Benzo(a)pyrene	24.104	252	736021	9.720	ng	#	98
91)	Dibenzo(a,h)anthracene	26.974	278	665269	9.075	ng		100
92)	Benzo(g,h,i)perylene	27.792	276	631218	8.745	ng		99

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

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