Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032723\
Data File : BP014315.D
Acq On : 27 Mar 2023 16:32
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023

Quant Time: Mar 28 02:08:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 25 03:19:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.028	152	125463	20.000	ng		0.00
21) Naphthalene-d8	10.852	136	442367	20.000	ng	#	0.00
39) Acenaphthene-d10	14.675	164	246605	20.000	ng		0.00
64) Phenanthrene-d10	17.434	188	504143	20.000	ng	#	0.00
76) Chrysene-d12	21.516	240	439430	20.000	ng		0.00
86) Perylene-d12	24.033	264	602009	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.569	112	645577	83.448	ng		0.00
7) Phenol-d6	7.187	99	840174	82.717	ng		0.00
23) Nitrobenzene-d5	9.205	82	852066	88.036	ng		0.00
42) 2,4,6-Tribromophenol	16.169	330	284495	71.153	ng		0.00
45) 2-Fluorobiphenyl	13.293	172	1576928	82.846	ng		0.00
79) Terphenyl-d14	19.975	244	2318959	87.018	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.434	88	146194	43.499	ng		92
3) Pyridine	3.852	79	377495	40.445	ng		95
4) n-Nitrosodimethylamine	3.758	42	180434	43.552	ng	#	94
6) Aniline	7.352	93	529708	39.701	ng		96
8) 2-Chlorophenol	7.587	128	330378	39.873	ng		93
9) Benzaldehyde	7.163	77	191120	37.601	ng		100
10) Phenol	7.216	94	441015	41.718	ng		99
11) bis(2-Chloroethyl)ether	7.446	93	354353	42.336	ng		96
12) 1,3-Dichlorobenzene	7.910	146	367188	40.327	ng		98
13) 1,4-Dichlorobenzene	8.063	146	372716	40.462	ng		99
14) 1,2-Dichlorobenzene	8.381	146	356144	40.366	ng		98
15) Benzyl Alcohol	8.275	79	308077	37.201	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.558	45	466984m	51.246	ng		
17) 2-Methylphenol	8.475	107	305615	40.536	ng		99
18) Hexachloroethane	9.110	117	144094	41.640	ng		93
19) n-Nitroso-di-n-propyla...	8.840	70	282042	42.187	ng		97
20) 3+4-Methylphenols	8.805	107	402271	39.619	ng		99
22) Acetophenone	8.863	105	516382	41.616	ng	#	98
24) Nitrobenzene	9.246	77	439764	44.407	ng		96
25) Isophorone	9.775	82	708881	39.749	ng		97
26) 2-Nitrophenol	9.963	139	170207	39.513	ng		94
27) 2,4-Dimethylphenol	10.016	122	281200	40.149	ng		98
28) bis(2-Chloroethoxy)met...	10.252	93	434117	42.058	ng		99
29) 2,4-Dichlorophenol	10.499	162	293390	38.267	ng		96
30) 1,2,4-Trichlorobenzene	10.710	180	339466	38.999	ng		99
31) Naphthalene	10.899	128	997943	41.055	ng		100
32) Benzoic acid	10.163	122	158503	28.472	ng		94
33) 4-Chloroaniline	11.016	127	394050	37.816	ng		96
34) Hexachlorobutadiene	11.175	225	238427	37.675	ng		100
35) Caprolactam	11.816	113	73926	33.686	ng	#	76
36) 4-Chloro-3-methylphenol	12.134	107	327399	38.289	ng		97
37) 2-Methylnaphthalene	12.504	142	681779	38.019	ng		99
38) 1-Methylnaphthalene	12.722	142	634074	37.932	ng		99
40) 1,2,4,5-Tetrachloroben...	12.869	216	371757	39.549	ng		98
41) Hexachlorocyclopentadiene	12.840	237	199611	33.837	ng		98
43) 2,4,6-Trichlorophenol	13.110	196	231883	39.027	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.187	196	260689	37.863	ng		98
46)	1,1'-Biphenyl	13.504	154	824078	41.516	ng		98
47)	2-Chloronaphthalene	13.551	162	632439	41.388	ng		98
48)	2-Nitroaniline	13.763	65	212658	45.857	ng		95
49)	Acenaphthylene	14.398	152	996077	40.990	ng		100
50)	Dimethylphthalate	14.128	163	786045	38.637	ng		99
51)	2,6-Dinitrotoluene	14.251	165	169109	39.472	ng		89
52)	Acenaphthene	14.740	154	591927	40.465	ng		100
53)	3-Nitroaniline	14.587	138	166321	39.612	ng		91
54)	2,4-Dinitrophenol	14.798	184	99177	33.098	ng		94
55)	Dibenzofuran	15.075	168	969892	40.670	ng		98
56)	4-Nitrophenol	14.904	139	122781	35.911	ng		91
57)	2,4-Dinitrotoluene	15.045	165	223560	39.036	ng	#	94
58)	Fluorene	15.722	166	753901	39.813	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.298	232	217125	36.149	ng		96
60)	Diethylphthalate	15.487	149	792442	39.451	ng		99
61)	4-Chlorophenyl-phenyle...	15.716	204	404674	37.698	ng		97
62)	4-Nitroaniline	15.757	138	171867	41.109	ng		93
63)	Azobenzene	16.004	77	860353	46.288	ng		96
65)	4,6-Dinitro-2-methylph...	15.804	198	142249	38.094	ng		86
66)	n-Nitrosodiphenylamine	15.934	169	653286	41.008	ng		98
67)	4-Bromophenyl-phenylether	16.610	248	249335	37.390	ng		93
68)	Hexachlorobenzene	16.728	284	267210	37.383	ng		96
69)	Atrazine	16.886	200	209852	37.520	ng		98
70)	Pentachlorophenol	17.081	266	190054	36.867	ng		98
71)	Phenanthrene	17.475	178	1152284	40.914	ng		99
72)	Anthracene	17.569	178	1182550	41.093	ng		100
73)	Carbazole	17.839	167	1035043	41.696	ng		99
74)	Di-n-butylphthalate	18.369	149	1338446	43.125	ng		100
75)	Fluoranthene	19.433	202	1132059	33.629	ng		98
77)	Benzidine	19.622	184	234638	25.794	ng		98
78)	Pyrene	19.786	202	1181174	35.021	ng		99
80)	Butylbenzylphthalate	20.645	149	516382	40.384	ng		96
81)	Benzo(a)anthracene	21.498	228	1283033	39.793	ng		100
82)	3,3'-Dichlorobenzidine	21.427	252	426410	41.331	ng		99
83)	Chrysene	21.557	228	1234463	40.429	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.398	149	797153	42.495	ng		99
85)	Di-n-octyl phthalate	22.357	149	1405845	46.169	ng	#	95
87)	Indeno(1,2,3-cd)pyrene	26.686	276	2055268	44.185	ng		98
88)	Benzo(b)fluoranthene	23.263	252	1431468	36.313	ng		100
89)	Benzo(k)fluoranthene	23.316	252	1448478	37.061	ng		100
90)	Benzo(a)pyrene	23.921	252	1509022	40.134	ng		99
91)	Dibenzo(a,h)anthracene	26.704	278	1717973	44.426	ng		99
92)	Benzo(g,h,i)perylene	27.504	276	1681727	43.882	ng		98

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

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