Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060222\
Data File : BM035362.D
Acq On : 02 Jun 2022 14:46
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/03/2022
Supervised By :Jagrut Upadhyay 06/03/2022

Quant Time: Jun 02 15:49:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 15:14:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.857	152	203418	20.000	ng		0.00
21) Naphthalene-d8	10.657	136	784319	20.000	ng	#	0.00
39) Acenaphthene-d10	14.498	164	584984	20.000	ng		0.00
64) Phenanthrene-d10	17.245	188	1348544	20.000	ng	#	0.00
76) Chrysene-d12	21.433	240	1536063	20.000	ng	#	0.00
86) Perylene-d12	23.791	264	1549583	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	1099949	99.839	ng		0.00
7) Phenol-d6	7.045	99	1611242	112.945	ng		0.00
23) Nitrobenzene-d5	9.022	82	1483621	104.129	ng		0.00
42) 2,4,6-Tribromophenol	15.992	330	1179867	155.472	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	4746368	112.516	ng		0.00
79) Terphenyl-d14	19.874	244	8053287	92.902	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	161659	37.467	ng	#	83
3) Pyridine	3.734	79	472996m	42.136	ng		
4) n-Nitrosodimethylamine	3.646	42	174989	32.007	ng	#	57
6) Aniline	7.187	93	908641	59.950	ng		93
8) 2-Chlorophenol	7.428	128	730038	58.885	ng		89
9) Benzaldehyde	6.998	77	300477	40.625	ng		85
10) Phenol	7.069	94	778089	55.966	ng		90
11) bis(2-Chloroethyl)ether	7.287	93	626128	57.616	ng		89
12) 1,3-Dichlorobenzene	7.745	146	832020	58.064	ng	#	94
13) 1,4-Dichlorobenzene	7.893	146	852317	58.239	ng		97
14) 1,2-Dichlorobenzene	8.210	146	827714	58.275	ng		95
15) Benzyl Alcohol	8.104	79	580445	57.205	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.392	45	721013	49.365	ng		92
17) 2-Methylphenol	8.316	107	578741	59.369	ng	#	94
18) Hexachloroethane	8.934	117	274921	54.840	ng	#	81
19) n-Nitroso-di-n-propyla...	8.675	70	485134	55.139	ng	#	83
20) 3+4-Methylphenols	8.645	107	807600	60.524	ng		94
22) Acetophenone	8.687	105	1062699	56.936	ng	#	89
24) Nitrobenzene	9.063	77	669995	50.984	ng	#	88
25) Isophorone	9.598	82	1294869	60.046	ng	#	93
26) 2-Nitrophenol	9.775	139	457107	67.414	ng	#	82
27) 2,4-Dimethylphenol	9.845	122	589917	62.115	ng		97
28) bis(2-Chloroethoxy)met...	10.075	93	888876	60.953	ng		99
29) 2,4-Dichlorophenol	10.316	162	814008	68.056	ng		96
30) 1,2,4-Trichlorobenzene	10.522	180	914554	64.048	ng		96
31) Naphthalene	10.704	128	2270421	59.408	ng		99
32) Benzoic acid	10.063	122	590627	73.100	ng		90
33) 4-Chloroaniline	10.822	127	993102	65.605	ng	#	94
34) Hexachlorobutadiene	10.992	225	596573	63.851	ng		99
35) Caprolactam	11.651	113	258215	78.674	ng	#	72
36) 4-Chloro-3-methylphenol	11.969	107	757156	63.718	ng		93
37) 2-Methylnaphthalene	12.322	142	1748786	64.895	ng		97
38) 1-Methylnaphthalene	12.539	142	1699613	64.519	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.692	216	1141518	60.935	ng	#	95
41) Hexachlorocyclopentadiene	12.669	237	526295	53.534	ng		97
43) 2,4,6-Trichlorophenol	12.939	196	795620	65.173	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	863234	66.476	ng	#	89
46) 1,1'-Biphenyl	13.333	154	2487431	57.710	ng		99
47) 2-Chloronaphthalene	13.374	162	1943530	58.155	ng		97
48) 2-Nitroaniline	13.586	65	458055	54.930	ng	#	74
49) Acenaphthylene	14.222	152	2997906	60.163	ng		100
50) Dimethylphthalate	13.969	163	2615018	63.035	ng	#	98
51) 2,6-Dinitrotoluene	14.080	165	577272	67.786	ng	#	71
52) Acenaphthene	14.563	154	1798834	59.278	ng		99
53) 3-Nitroaniline	14.416	138	568709	67.406	ng		85
54) 2,4-Dinitrophenol	14.627	184	415317	76.352	ng	#	69
55) Dibenzofuran	14.898	168	3099177	60.639	ng		92
56) 4-Nitrophenol	14.745	139	458935	70.555	ng	#	74
57) 2,4-Dinitrotoluene	14.874	165	805364	70.500	ng	#	77
58) Fluorene	15.545	166	2385782	59.872	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.133	232	804460	69.994	ng	#	80
60) Diethylphthalate	15.327	149	2556108	63.062	ng		95
61) 4-Chlorophenyl-phenyle...	15.539	204	1361177	62.740	ng	#	88
62) 4-Nitroaniline	15.580	138	609269	71.498	ng		83
63) Azobenzene	15.833	77	1822609	53.149	ng		85
65) 4,6-Dinitro-2-methylph...	15.645	198	600157	70.959	ng	#	74
66) n-Nitrosodiphenylamine	15.757	169	2216231	57.061	ng		99
67) 4-Bromophenyl-phenylether	16.433	248	966181	64.077	ng	#	87
68) Hexachlorobenzene	16.557	284	1077996	64.178	ng	#	84
69) Atrazine	16.715	200	809391	62.609	ng		96
70) Pentachlorophenol	16.904	266	668858	68.943	ng		99
71) Phenanthrene	17.286	178	4056537	58.548	ng		100
72) Anthracene	17.380	178	4080050	60.326	ng		99
73) Carbazole	17.651	167	3954790	61.487	ng		98
74) Di-n-butylphthalate	18.215	149	4675017	62.645	ng	#	98
75) Fluoranthene	19.304	202	5076458	62.554	ng		97
77) Benzidine	19.486	184	1623629	52.180	ng		100
78) Pyrene	19.668	202	5246979	52.066	ng		99
80) Butylbenzylphthalate	20.562	149	2294954	59.540	ng	#	85
81) Benzo(a)anthracene	21.415	228	5486217	56.479	ng		99
82) 3,3'-Dichlorobenzidine	21.345	252	1418037	58.963	ng	#	99
83) Chrysene	21.468	228	5250109	57.257	ng		99
84) Bis(2-ethylhexyl)phtha...	21.345	149	3342691	61.338	ng	#	93
85) Di-n-octyl phthalate	22.256	149	5932525	65.618	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.250	276	5746570	54.430	ng		95
88) Benzo(b)fluoranthene	23.080	252	5245625	56.110	ng		98
89) Benzo(k)fluoranthene	23.127	252	5420015	58.680	ng		98
90) Benzo(a)pyrene	23.691	252	4494533	58.005	ng		98
91) Dibenzo(a,h)anthracene	26.262	278	4787148	54.586	ng		97
92) Benzo(g,h,i)perylene	27.003	276	4579428	52.356	ng		95

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

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