Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111321\
Data File : BP007967.D
Acq On : 13 Nov 2021 14:32
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 15 04:42:01 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 04:38:03 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	161830	20.000	ng		0.00
21) Naphthalene-d8	10.640	136	642264	20.000	ng		0.00
39) Acenaphthene-d10	14.481	164	412355	20.000	ng		0.00
64) Phenanthrene-d10	17.239	188	909126	20.000	ng		0.00
76) Chrysene-d12	21.333	240	1051452	20.000	ng		0.00
86) Perylene-d12	23.739	264	1245480	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	894137	93.703	ng		0.00
7) Phenol-d6	7.022	99	1202904	87.095	ng		0.00
23) Nitrobenzene-d5	9.005	82	1171097	97.947	ng		0.00
42) 2,4,6-Tribromophenol	15.981	330	662331	112.548	ng		0.00
45) 2-Fluorobiphenyl	13.110	172	2926457	103.351	ng		0.00
79) Terphenyl-d14	19.804	244	4901079	94.916	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	177820	49.156	ng		96
3) Pyridine	3.734	79	503972	47.602	ng		96
4) n-Nitrosodimethylamine	3.646	42	210895	46.577	ng	#	92
6) Aniline	7.175	93	709921	45.635	ng		98
8) 2-Chlorophenol	7.411	128	502354	47.772	ng		97
9) Benzaldehyde	6.981	77	350275	46.640	ng		97
10) Phenol	7.046	94	608933	46.170	ng		95
11) bis(2-Chloroethyl)ether	7.269	93	476910	45.301	ng		95
12) 1,3-Dichlorobenzene	7.734	146	563906	48.217	ng		99
13) 1,4-Dichlorobenzene	7.875	146	572660	47.923	ng		99
14) 1,2-Dichlorobenzene	8.193	146	558744	48.385	ng		98
15) Benzyl Alcohol	8.087	79	491115	46.967	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.375	45	542394	43.953	ng		96
17) 2-Methylphenol	8.293	107	426761	46.792	ng		98
18) Hexachloroethane	8.922	117	201624	48.793	ng		90
19) n-Nitroso-di-n-propyla...	8.658	70	370875	43.877	ng		94
20) 3+4-Methylphenols	8.628	107	603504	47.041	ng		98
22) Acetophenone	8.669	105	777408	48.039	ng		97
24) Nitrobenzene	9.046	77	560092	49.227	ng		97
25) Isophorone	9.581	82	1020098	46.946	ng		98
26) 2-Nitrophenol	9.758	139	302299	52.464	ng		95
27) 2,4-Dimethylphenol	9.822	122	426444	48.159	ng		97
28) bis(2-Chloroethoxy)met...	10.058	93	656914	45.815	ng		99
29) 2,4-Dichlorophenol	10.293	162	534415	50.197	ng		98
30) 1,2,4-Trichlorobenzene	10.505	180	593613	50.133	ng		98
31) Naphthalene	10.693	128	1574573	48.464	ng		99
32) Benzoic acid	10.010	122	408845	53.562	ng		100
33) 4-Chloroaniline	10.805	127	693749	48.475	ng		98
34) Hexachlorobutadiene	10.981	225	414649	53.337	ng		100
35) Caprolactam	11.610	113	115645m	31.119	ng		
36) 4-Chloro-3-methylphenol	11.940	107	590043	49.061	ng		99
37) 2-Methylnaphthalene	12.304	142	1140057	47.572	ng		98
38) 1-Methylnaphthalene	12.522	142	1120077	47.702	ng		99
40) 1,2,4,5-Tetrachloroben...	12.675	216	711774	55.062	ng		98
41) Hexachlorocyclopentadiene	12.657	237	360674	52.096	ng		98
43) 2,4,6-Trichlorophenol	12.916	196	496287	54.966	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.993	196	535588	54.761	ng		95
46) 1,1'-Biphenyl	13.316	154	1542800	51.819	ng		98
47) 2-Chloronaphthalene	13.357	162	1218290	52.657	ng		98
48) 2-Nitroaniline	13.563	65	364566	54.762	ng		97
49) Acenaphthylene	14.204	152	1767827	48.653	ng		99
50) Dimethylphthalate	13.951	163	1621950	50.962	ng		99
51) 2,6-Dinitrotoluene	14.063	165	348827	52.997	ng		96
52) Acenaphthene	14.551	154	1053072	47.988	ng		99
53) 3-Nitroaniline	14.393	138	344552	49.067	ng	#	96
54) 2,4-Dinitrophenol	14.604	184	223633	55.270	ng		91
55) Dibenzofuran	14.887	168	1775571	47.831	ng		98
56) 4-Nitrophenol	14.710	139	288845	48.430	ng		91
57) 2,4-Dinitrotoluene	14.851	165	464279	51.238	ng		90
58) Fluorene	15.534	166	1348338	47.886	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.116	232	462709m	52.555	ng		
60) Diethylphthalate	15.316	149	1524945	49.352	ng		99
61) 4-Chlorophenyl-phenyle...	15.528	204	756628	49.197	ng		98
62) 4-Nitroaniline	15.563	138	359696	50.436	ng		92
63) Azobenzene	15.822	77	1281743	49.147	ng		97
65) 4,6-Dinitro-2-methylph...	15.622	198	325879	54.743	ng		90
66) n-Nitrosodiphenylamine	15.745	169	1254300	48.462	ng		99
67) 4-Bromophenyl-phenylether	16.428	248	525998	52.263	ng		98
68) Hexachlorobenzene	16.545	284	595189	52.997	ng		94
69) Atrazine	16.704	200	341147	34.422	ng		99
70) Pentachlorophenol	16.892	266	391847	54.249	ng		98
71) Phenanthrene	17.281	178	2301308	48.152	ng		99
72) Anthracene	17.375	178	2293995	48.774	ng		100
73) Carbazole	17.645	167	2231340	47.727	ng		98
74) Di-n-butylphthalate	18.204	149	2608435	48.989	ng		100
75) Fluoranthene	19.251	202	2930726	48.612	ng		97
77) Benzidine	19.428	184	820046	30.946	ng		99
78) Pyrene	19.604	202	3046823	47.245	ng		99
80) Butylbenzylphthalate	20.480	149	1304235	48.120	ng		96
81) Benzo(a)anthracene	21.316	228	3334247	48.134	ng		100
82) 3,3'-Dichlorobenzidine	21.251	252	1597494	68.678	ng	#	97
83) Chrysene	21.375	228	3182058	48.524	ng		99
84) Bis(2-ethylhexyl)phtha...	21.245	149	1799042	46.281	ng	#	98
85) Di-n-octyl phthalate	22.175	149	3442223	49.227	ng		96
87) Indeno(1,2,3-cd)pyrene	26.268	276	4393440	47.324	ng	#	93
88) Benzo(b)fluoranthene	23.010	252	3601996	49.062	ng	#	98
89) Benzo(k)fluoranthene	23.057	252	3518857	48.291	ng	#	98
90) Benzo(a)pyrene	23.639	252	3119568	49.072	ng	#	97
91) Dibenzo(a,h)anthracene	26.280	278	3655317	47.504	ng	#	96
92) Benzo(g,h,i)perylene	27.033	276	3622191	47.451	ng	#	94

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

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