Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111321\
Data File : BP007964.D
Acq On : 13 Nov 2021 12:50
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 15 04:39:13 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 :
SSTDICC010

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	112123	20.000	ng		0.00
21) Naphthalene-d8	10.640	136	479469	20.000	ng		0.00
39) Acenaphthene-d10	14.481	164	344206	20.000	ng		0.00
64) Phenanthrene-d10	17.239	188	793141	20.000	ng		0.00
76) Chrysene-d12	21.333	240	949386	20.000	ng		0.00
86) Perylene-d12	23.739	264	1063448	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	158179	23.926	ng		0.00
7) Phenol-d6	7.016	99	213100	22.270	ng		0.00
23) Nitrobenzene-d5	8.999	82	194619	21.804	ng		0.00
42) 2,4,6-Tribromophenol	15.975	330	115522	23.517	ng		0.00
45) 2-Fluorobiphenyl	13.104	172	543694	23.003	ng		0.00
79) Terphenyl-d14	19.804	244	1072316	23.000	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	32482	12.960	ng		98
3) Pyridine	3.740	79	90840	12.384	ng		95
4) n-Nitrosodimethylamine	3.640	42	36998	11.794	ng		89
6) Aniline	7.169	93	122595	11.374	ng		98
8) 2-Chlorophenol	7.405	128	86429	11.863	ng		97
9) Benzaldehyde	6.981	77	66975	12.871	ng		96
10) Phenol	7.040	94	105797	11.578	ng		97
11) bis(2-Chloroethyl)ether	7.269	93	84845	11.632	ng		96
12) 1,3-Dichlorobenzene	7.734	146	94502	11.663	ng		98
13) 1,4-Dichlorobenzene	7.875	146	95037	11.479	ng		96
14) 1,2-Dichlorobenzene	8.193	146	94174	11.770	ng		97
15) Benzyl Alcohol	8.087	79	76958	10.623	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.369	45	98418	11.511	ng		96
17) 2-Methylphenol	8.293	107	69893	11.061	ng		99
18) Hexachloroethane	8.922	117	31470	10.992	ng		89
19) n-Nitroso-di-n-propyla...	8.652	70	64689	11.046	ng		94
20) 3+4-Methylphenols	8.616	107	95877	10.786	ng		96
22) Acetophenone	8.663	105	135980	11.256	ng	#	98
24) Nitrobenzene	9.040	77	93033	10.953	ng		98
25) Isophorone	9.575	82	167436	10.322	ng		97
26) 2-Nitrophenol	9.752	139	44097	10.251	ng		95
27) 2,4-Dimethylphenol	9.822	122	68808	10.409	ng		97
28) bis(2-Chloroethoxy)met...	10.052	93	117116	10.941	ng		99
29) 2,4-Dichlorophenol	10.293	162	82759	10.413	ng		98
30) 1,2,4-Trichlorobenzene	10.504	180	98391	11.131	ng		99
31) Naphthalene	10.693	128	271994	11.214	ng		99
32) Benzoic acid	9.928	122	49513	8.689	ng		97
33) 4-Chloroaniline	10.804	127	114194	10.688	ng		98
34) Hexachlorobutadiene	10.987	225	66469	11.453	ng		99
35) Caprolactam	11.587	113	17957	6.473	ng		90
36) 4-Chloro-3-methylphenol	11.934	107	98008	10.916	ng		98
37) 2-Methylnaphthalene	12.304	142	199806	11.168	ng		98
38) 1-Methylnaphthalene	12.522	142	194663	11.105	ng		99
40) 1,2,4,5-Tetrachloroben...	12.675	216	118591	10.990	ng		97
41) Hexachlorocyclopentadiene	12.657	237	39732	6.875	ng		100
43) 2,4,6-Trichlorophenol	12.916	196	78335	10.394	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.993	196	87104	10.669	ng		95
46)	1,1'-Biphenyl	13.316	154	280182	11.274	ng		98
47)	2-Chloronaphthalene	13.357	162	215938	11.181	ng		98
48)	2-Nitroaniline	13.557	65	56261	10.124	ng		94
49)	Acenaphthylene	14.204	152	333943	11.010	ng		99
50)	Dimethylphthalate	13.940	163	296642	11.166	ng		99
51)	2,6-Dinitrotoluene	14.057	165	58128	10.580	ng		97
52)	Acenaphthene	14.545	154	204377	11.157	ng		96
53)	3-Nitroaniline	14.387	138	60755	10.365	ng	#	95
54)	2,4-Dinitrophenol	14.598	184	27369	8.103	ng	#	87
55)	Dibenzofuran	14.881	168	362981	11.714	ng		99
56)	4-Nitrophenol	14.710	139	48233	9.688	ng		94
57)	2,4-Dinitrotoluene	14.845	165	79112	10.460	ng		97
58)	Fluorene	15.534	166	283229	12.050	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.110	232	84602m	11.512	ng		
60)	Diethylphthalate	15.310	149	295862	11.471	ng		99
61)	4-Chlorophenyl-phenyle...	15.528	204	155403	12.105	ng		99
62)	4-Nitroaniline	15.551	138	64871	10.897	ng		97
63)	Azobenzene	15.822	77	253828	11.660	ng		97
65)	4,6-Dinitro-2-methylph...	15.616	198	48236	9.288	ng		90
66)	n-Nitrosodiphenylamine	15.740	169	251668	11.146	ng		97
67)	4-Bromophenyl-phenylether	16.428	248	102091	11.627	ng		96
68)	Hexachlorobenzene	16.545	284	111827	11.414	ng		92
69)	Atrazine	16.698	200	62181	7.192	ng		98
70)	Pentachlorophenol	16.892	266	61108	9.697	ng		99
71)	Phenanthrene	17.281	178	477822	11.460	ng		100
72)	Anthracene	17.369	178	461287	11.242	ng		99
73)	Carbazole	17.645	167	458633	11.244	ng		99
74)	Di-n-butylphthalate	18.204	149	499612	10.755	ng		98
75)	Fluoranthene	19.251	202	605896	11.520	ng		98
77)	Benzidine	19.433	184	156046	6.522	ng		97
78)	Pyrene	19.604	202	634689	10.900	ng		99
80)	Butylbenzylphthalate	20.480	149	248615	10.159	ng		100
81)	Benzo(a)anthracene	21.316	228	704526	11.264	ng		100
82)	3,3'-Dichlorobenzidine	21.251	252	332863	15.849	ng		99
83)	Chrysene	21.369	228	674724	11.395	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.251	149	376716	10.733	ng	#	97
85)	Di-n-octyl phthalate	22.174	149	657630	10.416	ng		97
87)	Indeno(1,2,3-cd)pyrene	26.245	276	837947	10.571	ng		96
88)	Benzo(b)fluoranthene	23.004	252	706541	11.271	ng		98
89)	Benzo(k)fluoranthene	23.051	252	711769	11.440	ng		99
90)	Benzo(a)pyrene	23.627	252	592366	10.913	ng		98
91)	Dibenzo(a,h)anthracene	26.262	278	697406	10.615	ng		98
92)	Benzo(g,h,i)perylene	27.015	276	679953	10.432	ng		97

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

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