Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007328.D
Acq On : 05 Oct 2021 15:54
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/8/2021 8:32:34 AM

Quant Time: Oct 06 09:36:40 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 12:49:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	225556	20.00	ng		0.00
21) Naphthalene-d8	10.663	136	801560	20.00	ng		# 0.00
39) Acenaphthene-d10	14.498	164	472590	20.00	ng		0.00
64) Phenanthrene-d10	17.251	188	891278	20.00	ng		0.00
76) Chrysene-d12	21.339	240	752269	20.00	ng		# 0.00
86) Perylene-d12	23.739	264	770989	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	1059764	78.65	ng		0.00
7) Phenol-d6	7.046	99	1356620	73.66	ng		0.00
23) Nitrobenzene-d5	9.028	82	1135094	82.47	ng		0.00
42) 2,4,6-Tribromophenol	15.992	330	468913	76.53	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	2653525	80.44	ng		0.00
79) Terphenyl-d14	19.810	244	3346914	85.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	221361	40.62	ng	#	88
3) Pyridine	3.746	79	573368	38.45	ng	#	86
4) n-Nitrosodimethylamine	3.652	42	223554	43.73	ng	#	90
6) Aniline	7.193	93	744567	36.68	ng		99
8) 2-Chlorophenol	7.428	128	554557	37.87	ng		98
9) Benzaldehyde	7.004	77	367634	35.44	ng		95
10) Phenol	7.069	94	653866	36.83	ng		94
11) bis(2-Chloroethyl)ether	7.293	93	519707	37.08	ng		95
12) 1,3-Dichlorobenzene	7.752	146	634183	38.39	ng		97
13) 1,4-Dichlorobenzene	7.899	146	642553	38.16	ng		98
14) 1,2-Dichlorobenzene	8.216	146	618036	37.87	ng		98
15) Benzyl Alcohol	8.110	79	445434	37.76	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.399	45	592079	36.89	ng		91
17) 2-Methylphenol	8.316	107	439875	36.75	ng		94
18) Hexachloroethane	8.934	117	224804	39.76	ng		97
19) n-Nitroso-di-n-propyla...	8.675	70	350343	34.98	ng		99
20) 3+4-Methylphenols	8.646	107	598580	36.17	ng		93
22) Acetophenone	8.693	105	770998	39.92	ng	#	99
24) Nitrobenzene	9.069	77	535282	40.79	ng		98
25) Isophorone	9.598	82	947604	39.48	ng		99
26) 2-Nitrophenol	9.781	139	293964	42.96	ng	#	90
27) 2,4-Dimethylphenol	9.846	122	423417	39.30	ng		96
28) bis(2-Chloroethoxy)met...	10.075	93	648622	38.31	ng		99
29) 2,4-Dichlorophenol	10.322	162	502894	40.01	ng		99
30) 1,2,4-Trichlorobenzene	10.528	180	571570	39.92	ng		99
31) Naphthalene	10.710	128	1593254	38.95	ng		99
32) Benzoic acid	10.028	122	313605	37.87	ng		96
33) 4-Chloroaniline	10.828	127	646787	38.27	ng		100
34) Hexachlorobutadiene	10.993	225	357704	41.73	ng		99
35) Caprolactam	11.645	113	142981	36.98	ng	#	76
36) 4-Chloro-3-methylphenol	11.963	107	481770	37.71	ng		98
37) 2-Methylnaphthalene	12.322	142	1078837	37.66	ng		97
38) 1-Methylnaphthalene	12.540	142	1047788	37.44	ng		100
40) 1,2,4,5-Tetrachloroben...	12.692	216	603631	41.71	ng		98
41) Hexachlorocyclopentadiene	12.669	237	325907	40.63	ng		97
43) 2,4,6-Trichlorophenol	12.939	196	406884	41.20	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.016	196	423419	39.82	ng		98
46)	1,1'-Biphenyl	13.334	154	1402404	39.90	ng		100
47)	2-Chloronaphthalene	13.375	162	1094669	40.20	ng		97
48)	2-Nitroaniline	13.586	65	287701	43.34	ng		98
49)	Acenaphthylene	14.222	152	1657833	39.53	ng		99
50)	Dimethylphthalate	13.963	163	1295162	38.10	ng		100
51)	2,6-Dinitrotoluene	14.081	165	274974	39.60	ng		97
52)	Acenaphthene	14.563	154	981567	38.63	ng		99
53)	3-Nitroaniline	14.410	138	290745	38.73	ng		98
54)	2,4-Dinitrophenol	14.634	184	145301	36.33	ng		95
55)	Dibenzofuran	14.898	168	1623888	38.30	ng		97
56)	4-Nitrophenol	14.745	139	207485	34.04	ng		89
57)	2,4-Dinitrotoluene	14.875	165	358298	39.11	ng		97
58)	Fluorene	15.545	166	1245684	38.03	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.128	232	341907m	36.61	ng		
60)	Diethylphthalate	15.322	149	1247962	37.89	ng		98
61)	4-Chlorophenyl-phenyle...	15.539	204	661582	38.23	ng		93
62)	4-Nitroaniline	15.581	138	292028	38.68	ng	#	84
63)	Azobenzene	15.833	77	1131708	39.65	ng		96
65)	4,6-Dinitro-2-methylph...	15.639	198	222470	41.59	ng		92
66)	n-Nitrosodiphenylamine	15.757	169	1079471	40.70	ng		99
67)	4-Bromophenyl-phenylether	16.433	248	398091	40.75	ng		96
68)	Hexachlorobenzene	16.557	284	432271	40.04	ng		98
69)	Atrazine	16.716	200	364132	38.95	ng		99
70)	Pentachlorophenol	16.910	266	263903	39.36	ng		99
71)	Phenanthrene	17.292	178	1857512	38.87	ng		100
72)	Anthracene	17.386	178	1841762	39.40	ng		100
73)	Carbazole	17.657	167	1756252	38.34	ng		99
74)	Di-n-butylphthalate	18.204	149	2011026	39.61	ng		99
75)	Fluoranthene	19.263	202	2041385	37.08	ng		98
77)	Benzidine	19.445	184	859970	37.20	ng		99
78)	Pyrene	19.616	202	2084476	42.23	ng		99
80)	Butylbenzylphthalate	20.480	149	854276	43.22	ng		100
81)	Benzo(a)anthracene	21.321	228	1933256	39.59	ng		99
82)	3,3'-Dichlorobenzidine	21.257	252	672095	40.08	ng		99
83)	Chrysene	21.374	228	1834944	39.32	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.245	149	1206027	42.44	ng		99
85)	Di-n-octyl phthalate	22.163	149	2028595	41.93	ng		99
87)	Indeno(1,2,3-cd)pyrene	26.262	276	2278032	41.11	ng	#	96
88)	Benzo(b)fluoranthene	23.010	252	1831068	39.74	ng		99
89)	Benzo(k)fluoranthene	23.057	252	1769632	37.93	ng	#	98
90)	Benzo(a)pyrene	23.639	252	1557309	39.78	ng	#	98
91)	Dibenzo(a,h)anthracene	26.280	278	1886111	40.62	ng	#	97
92)	Benzo(g,h,i)perylene	27.039	276	1852066	40.87	ng	#	95

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

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