Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101321\
Data File : BP007403.D
Acq On : 13 Oct 2021 13:32
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
10/14/2021 10:56:09 AM

Quant Time: Oct 13 14:17:41 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 13 13:04:34 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.969	152	209121	20.00	ng		0.00
21) Naphthalene-d8	10.775	136	786540	20.00	ng		0.00
39) Acenaphthene-d10	14.598	164	489090	20.00	ng		0.00
64) Phenanthrene-d10	17.351	188	1031418	20.00	ng		0.00
76) Chrysene-d12	21.433	240	950027	20.00	ng		0.00
86) Perylene-d12	23.886	264	1076146	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	1404740	110.68	ng		0.00
7) Phenol-d6	7.128	99	1895399	111.24	ng		0.00
23) Nitrobenzene-d5	9.128	82	1619903	121.30	ng		0.00
42) 2,4,6-Tribromophenol	16.087	330	606100	75.55	ng		0.00
45) 2-Fluorobiphenyl	13.234	172	3505186	100.14	ng		0.00
79) Terphenyl-d14	19.910	244	4909143	91.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.423	88	307168	62.91	ng		100
3) Pyridine	3.817	79	820078	59.37	ng		99
4) n-Nitrosodimethylamine	3.728	42	377884	73.17	ng		97
6) Aniline	7.287	93	1093684	57.86	ng		98
8) 2-Chlorophenol	7.528	128	729131	53.08	ng		100
9) Benzaldehyde	7.099	77	532817	54.04	ng		99
10) Phenol	7.152	94	922562	56.63	ng		98
11) bis(2-Chloroethyl)ether	7.393	93	740666	56.72	ng		98
12) 1,3-Dichlorobenzene	7.858	146	847619	54.72	ng		99
13) 1,4-Dichlorobenzene	8.005	146	855395	55.00	ng		99
14) 1,2-Dichlorobenzene	8.322	146	802441	53.28	ng		100
15) Benzyl Alcohol	8.205	79	716727	64.82	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.505	45	954617	63.53	ng		99
17) 2-Methylphenol	8.405	107	622489	55.35	ng		99
18) Hexachloroethane	9.058	117	313903	59.72	ng		98
19) n-Nitroso-di-n-propyla...	8.781	70	540541	55.95	ng		99
20) 3+4-Methylphenols	8.734	107	870054	55.19	ng		98
22) Acetophenone	8.787	105	1083052	58.54	ng	#	98
24) Nitrobenzene	9.169	77	786120	62.39	ng		100
25) Isophorone	9.699	82	1519481	60.29	ng		99
26) 2-Nitrophenol	9.881	139	345755	49.12	ng		99
27) 2,4-Dimethylphenol	9.946	122	623465	59.64	ng		97
28) bis(2-Chloroethoxy)met...	10.187	93	987919	58.36	ng		99
29) 2,4-Dichlorophenol	10.416	162	706163	56.17	ng		99
30) 1,2,4-Trichlorobenzene	10.640	180	786941	55.57	ng		98
31) Naphthalene	10.822	128	2216992	55.08	ng		99
32) Benzoic acid	10.087	122	427228	50.66	ng		98
33) 4-Chloroaniline	10.922	127	946192	56.81	ng		99
34) Hexachlorobutadiene	11.122	225	498361	58.98	ng		99
35) Caprolactam	11.699	113	149121	37.52	ng		95
36) 4-Chloro-3-methylphenol	12.052	107	758004	64.42	ng		100
37) 2-Methylnaphthalene	12.434	142	1549635	61.50	ng		99
38) 1-Methylnaphthalene	12.651	142	1505061	60.84	ng		100
40) 1,2,4,5-Tetrachloroben...	12.799	216	817127	51.43	ng		100
41) Hexachlorocyclopentadiene	12.787	237	481485	103.20	ng		99
43) 2,4,6-Trichlorophenol	13.034	196	510948	46.99	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.099	196	501081	42.56	ng	100
46) 1,1'-Biphenyl	13.440	154	1978643	53.89	ng	99
47) 2-Chloronaphthalene	13.475	162	1529934	53.41	ng	99
48) 2-Nitroaniline	13.669	65	425072	57.31	ng	100
49) Acenaphthylene	14.322	152	2452536	55.47	ng	99
50) Dimethylphthalate	14.063	163	2013534	53.43	ng	100
51) 2,6-Dinitrotoluene	14.169	165	407305	51.91	ng	99
52) Acenaphthene	14.663	154	1522750	58.34	ng	99
53) 3-Nitroaniline	14.493	138	450658	56.00	ng	99
54) 2,4-Dinitrophenol	14.698	184	148883	33.86	ng	94
55) Dibenzofuran	14.998	168	2391489	52.79	ng	100
56) 4-Nitrophenol	14.793	139	364547	57.77	ng	98
57) 2,4-Dinitrotoluene	14.951	165	549969	51.24	ng	98
58) Fluorene	15.645	166	1678133	47.85	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.222	232	523428m	48.65	ng	
60) Diethylphthalate	15.428	149	2023299	54.01	ng	100
61) 4-Chlorophenyl-phenyle...	15.645	204	877249	44.90	ng	98
62) 4-Nitroaniline	15.657	138	413179	47.98	ng	96
63) Azobenzene	15.940	77	1900974	61.99	ng	99
65) 4,6-Dinitro-2-methylph...	15.716	198	285100	40.13	ng	99
66) n-Nitrosodiphenylamine	15.857	169	1635386	50.01	ng	99
67) 4-Bromophenyl-phenylether	16.540	248	585007	43.95	ng	97
68) Hexachlorobenzene	16.657	284	654490	44.80	ng	99
69) Atrazine	16.816	200	599545	49.83	ng	98
70) Pentachlorophenol	16.998	266	423145	52.62	ng	96
71) Phenanthrene	17.392	178	2970093	54.53	ng	99
72) Anthracene	17.487	178	2903774	50.45	ng	99
73) Carbazole	17.751	167	2934401	52.32	ng	100
74) Di-n-butylphthalate	18.316	149	3495466	53.71	ng	99
75) Fluoranthene	19.357	202	3553785	50.59	ng	99
77) Benzidine	19.528	184	1692919	61.40	ng	99
78) Pyrene	19.704	202	3614586	55.25	ng	98
80) Butylbenzylphthalate	20.586	149	1564682	61.91	ng	98
81) Benzo(a)anthracene	21.422	228	3538848	57.66	ng	99
82) 3,3'-Dichlorobenzidine	21.345	252	1215845	55.05	ng	100
83) Chrysene	21.475	228	3344250	57.89	ng	100
84) Bis(2-ethylhexyl)phtha...	21.363	149	2189666	62.25	ng	98
85) Di-n-octyl phthalate	22.310	149	3992992	66.58	ng	100
87) Indeno(1,2,3-cd)pyrene	26.463	276	4383336	59.51	ng	99
88) Benzo(b)fluoranthene	23.139	252	3716617	53.04	ng	100
89) Benzo(k)fluoranthene	23.192	252	3420613	49.32	ng	100
90) Benzo(a)pyrene	23.780	252	3141613	57.75	ng	100
91) Dibenzo(a,h)anthracene	26.486	278	3584440	58.13	ng	99
92) Benzo(g,h,i)perylene	27.251	276	3703175	64.19	ng	99

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

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