Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101321\
Data File : BP007402.D
Acq On : 13 Oct 2021 12:58
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 13 13:39:42 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

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
10/14/2021 10:56:06 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	224763	20.00	ng	0.00
21) Naphthalene-d8	10.775	136	852325	20.00	ng	0.00
39) Acenaphthene-d10	14.604	164	531827	20.00	ng	0.00
64) Phenanthrene-d10	17.351	188	1106937	20.00	ng	0.00
76) Chrysene-d12	21.439	240	1053328	20.00	ng	0.00
86) Perylene-d12	23.892	264	1192798	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1249234	91.58	ng	0.00
7) Phenol-d6	7.122	99	1677047	91.58	ng	0.00
23) Nitrobenzene-d5	9.128	82	1404695	97.06	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	537863	61.66	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	3145575	82.65	ng	0.00
79) Terphenyl-d14	19.910	244	4502621	75.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.423	88	269278	51.31	ng	99
3) Pyridine	3.817	79	746782	50.30	ng	98
4) n-Nitrosodimethylamine	3.728	42	333693	60.12	ng	94
6) Aniline	7.287	93	960584	47.28	ng	98
8) 2-Chlorophenol	7.528	128	647849	43.88	ng	100
9) Benzaldehyde	7.099	77	490823	46.31	ng	99
10) Phenol	7.152	94	817078	46.66	ng	99
11) bis(2-Chloroethyl)ether	7.387	93	655228	46.68	ng	99
12) 1,3-Dichlorobenzene	7.858	146	745700	44.79	ng	99
13) 1,4-Dichlorobenzene	8.005	146	751079	44.93	ng	99
14) 1,2-Dichlorobenzene	8.322	146	707616	43.72	ng	99
15) Benzyl Alcohol	8.205	79	626159	52.68	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.505	45	846066	52.39	ng	99
17) 2-Methylphenol	8.405	107	553402	45.78	ng	99
18) Hexachloroethane	9.058	117	275342	48.74	ng	99
19) n-Nitroso-di-n-propyla...	8.781	70	478158	46.05	ng	99
20) 3+4-Methylphenols	8.734	107	768671	45.37	ng	100
22) Acetophenone	8.787	105	959849	47.88	ng	99
24) Nitrobenzene	9.169	77	687751	50.37	ng	97
25) Isophorone	9.699	82	1354434	49.60	ng	100
26) 2-Nitrophenol	9.881	139	289471	37.95	ng	99
27) 2,4-Dimethylphenol	9.946	122	551435	48.68	ng	97
28) bis(2-Chloroethoxy)met...	10.187	93	875383	47.72	ng	99
29) 2,4-Dichlorophenol	10.416	162	620562	45.55	ng	99
30) 1,2,4-Trichlorobenzene	10.640	180	694833	45.28	ng	98
31) Naphthalene	10.822	128	1963621	45.02	ng	99
32) Benzoic acid	10.081	122	361765	39.58	ng	98
33) 4-Chloroaniline	10.922	127	848813	47.03	ng	99
34) Hexachlorobutadiene	11.122	225	439525	48.00	ng	99
35) Caprolactam	11.693	113	128289	29.78	ng	96
36) 4-Chloro-3-methylphenol	12.051	107	669932	52.54	ng	98
37) 2-Methylnaphthalene	12.434	142	1375786	50.38	ng	100
38) 1-Methylnaphthalene	12.651	142	1331790	49.68	ng	99
40) 1,2,4,5-Tetrachloroben...	12.799	216	725693	42.00	ng	99
41) Hexachlorocyclopentadiene	12.787	237	425453	83.86	ng	98
43) 2,4,6-Trichlorophenol	13.034	196	452877	38.30	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.104	196	443949	34.68	ng	99
46) 1,1'-Biphenyl	13.440	154	1760591	44.09	ng	99
47) 2-Chloronaphthalene	13.481	162	1359302	43.64	ng	99
48) 2-Nitroaniline	13.669	65	363765	45.10	ng	98
49) Acenaphthylene	14.322	152	2200607	45.77	ng	99
50) Dimethylphthalate	14.063	163	1782894	43.50	ng	100
51) 2,6-Dinitrotoluene	14.169	165	354328	41.53	ng	97
52) Acenaphthene	14.663	154	1354714	47.73	ng	99
53) 3-Nitroaniline	14.493	138	393715	44.99	ng	98
54) 2,4-Dinitrophenol	14.698	184	120821	25.27	ng	95
55) Dibenzofuran	14.998	168	2132074	43.28	ng	99
56) 4-Nitrophenol	14.793	139	314835	45.88	ng	96
57) 2,4-Dinitrotoluene	14.957	165	463903	39.75	ng	95
58) Fluorene	15.651	166	1512821	39.67	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.222	232	458110m	39.15	ng	
60) Diethylphthalate	15.434	149	1798348	44.15	ng	99
61) 4-Chlorophenyl-phenyle...	15.645	204	786755	37.03	ng	97
62) 4-Nitroaniline	15.657	138	353963	37.80	ng	95
63) Azobenzene	15.940	77	1687771	50.62	ng	98
65) 4,6-Dinitro-2-methylph...	15.722	198	237720	31.17	ng	95
66) n-Nitrosodiphenylamine	15.857	169	1468374	41.84	ng	99
67) 4-Bromophenyl-phenylether	16.545	248	528366	36.98	ng	100
68) Hexachlorobenzene	16.663	284	582996	37.19	ng	96
69) Atrazine	16.816	200	536603	41.55	ng	99
70) Pentachlorophenol	16.998	266	367401	42.57	ng	97
71) Phenanthrene	17.398	178	2640262	45.17	ng	100
72) Anthracene	17.486	178	2630180	42.58	ng	100
73) Carbazole	17.751	167	2634494	43.77	ng	100
74) Di-n-butylphthalate	18.316	149	3126991	44.77	ng	99
75) Fluoranthene	19.357	202	3189648	42.31	ng	99
77) Benzidine	19.533	184	1343163	43.94	ng	100
78) Pyrene	19.710	202	3266086	45.03	ng	99
80) Butylbenzylphthalate	20.592	149	1410464	50.34	ng	100
81) Benzo(a)anthracene	21.422	228	3227964	47.44	ng	100
82) 3,3'-Dichlorobenzidine	21.351	252	1103394	45.06	ng	100
83) Chrysene	21.475	228	3015067	47.07	ng	99
84) Bis(2-ethylhexyl)phtha...	21.363	149	1975811	50.66	ng	99
85) Di-n-octyl phthalate	22.316	149	3587857	53.95	ng	100
87) Indeno(1,2,3-cd)pyrene	26.468	276	3994247	48.92	ng	99
88) Benzo(b)fluoranthene	23.145	252	3257343	41.94	ng	100
89) Benzo(k)fluoranthene	23.198	252	3230737	42.02	ng	100
90) Benzo(a)pyrene	23.786	252	2854289	47.33	ng	99
91) Dibenzo(a,h)anthracene	26.492	278	3275051	47.92	ng	99
92) Benzo(g,h,i)perylene	27.257	276	3358096	52.52	ng	99

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

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