Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052821\
Data File : BP005637.D
Acq On : 28 May 2021 13:39
Operator : CG/JU
Sample : PB136704BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB136704BS

Manual Integrations APPROVED
mohammad
6/1/2021 1:18:28 PM

Quant Time: May 28 14:13:40 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 16:11:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	201275	20.00	ng	0.00
21) Naphthalene-d8	10.798	136	772477	20.00	ng	# 0.00
39) Acenaphthene-d10	14.610	164	444855	20.00	ng	0.00
64) Phenanthrene-d10	17.351	188	900620	20.00	ng	# 0.00
76) Chrysene-d12	21.421	240	921929	20.00	ng	# 0.00
86) Perylene-d12	23.862	264	947091	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	1711369	132.19	ng	0.00
7) Phenol-d6	7.152	99	2065292	117.02	ng	0.00
23) Nitrobenzene-d5	9.151	82	1271995	91.58	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	753560	132.10	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	2863167	85.18	ng	0.00
79) Terphenyl-d14	19.898	244	4127739	84.01	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.417	88	196109	33.10	ng	# 86
3) Pyridine	3.822	79	519097	35.39	ng	# 89
4) n-Nitrosodimethylamine	3.728	42	276755	42.37	ng	# 26
6) Aniline	7.310	93	768974	37.27	ng	94
8) 2-Chlorophenol	7.552	128	609976	42.08	ng	94
9) Benzaldehyde	7.122	77	375441	49.13	ng	88
10) Phenol	7.175	94	758387	42.09	ng	99
11) bis(2-Chloroethyl)ether	7.410	93	584066	41.98	ng	98
12) 1,3-Dichlorobenzene	7.881	146	666945	40.53	ng	99
13) 1,4-Dichlorobenzene	8.028	146	681088	40.84	ng	97
14) 1,2-Dichlorobenzene	8.346	146	655488	41.10	ng	99
15) Benzyl Alcohol	8.228	79	521135	41.17	ng	# 83
16) 2,2'-oxybis(1-Chloropr...	8.522	45	668602	41.98	ng	81
17) 2-Methylphenol	8.428	107	490526	41.82	ng	96
18) Hexachloroethane	9.075	117	246888	41.72	ng	88
19) n-Nitroso-di-n-propyla...	8.804	70	434677	38.72	ng	95
20) 3+4-Methylphenols	8.757	107	646324	41.36	ng	94
22) Acetophenone	8.816	105	870335	42.24	ng	# 96
24) Nitrobenzene	9.193	77	650354	42.15	ng	95
25) Isophorone	9.728	82	1115030	36.16	ng	# 97
26) 2-Nitrophenol	9.904	139	245801	42.22	ng	# 80
27) 2,4-Dimethylphenol	9.963	122	545316	46.07	ng	98
28) bis(2-Chloroethoxy)met...	10.204	93	722926	43.56	ng	97
29) 2,4-Dichlorophenol	10.440	162	534978	42.02	ng	98
30) 1,2,4-Trichlorobenzene	10.657	180	609541	40.42	ng	99
31) Naphthalene	10.846	128	1802523	39.18	ng	98
32) Benzoic acid	10.093	122	262767	41.08	ng	95
33) 4-Chloroaniline	10.951	127	339020	17.70	ng	# 91
34) Hexachlorobutadiene	11.140	225	378556	40.20	ng	99
35) Caprolactam	11.734	113	147916m	42.43	ng	
36) 4-Chloro-3-methylphenol	12.069	107	539681	40.27	ng	95
37) 2-Methylnaphthalene	12.451	142	1269462	38.95	ng	# 87
38) 1-Methylnaphthalene	12.669	142	1164287	37.65	ng	# 96
40) 1,2,4,5-Tetrachloroben...	12.816	216	682064	45.96	ng	# 96
41) Hexachlorocyclopentadiene	12.798	237	957075	115.85	ng	98
43) 2,4,6-Trichlorophenol	13.051	196	401782	44.64	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	447050	45.93	ng	#	93
46) 1,1'-Biphenyl	13.451	154	1583322	43.83	ng		98
47) 2-Chloronaphthalene	13.492	162	1216645	41.44	ng		99
48) 2-Nitroaniline	13.692	65	306485	44.35	ng	#	79
49) Acenaphthylene	14.334	152	1899276	41.50	ng		99
50) Dimethylphthalate	14.069	163	1461563	41.31	ng		99
51) 2,6-Dinitrotoluene	14.187	165	300278	39.43	ng	#	65
52) Acenaphthene	14.675	154	1296113m	43.57	ng		
53) 3-Nitroaniline	14.510	138	185287	25.80	ng		87
54) 2,4-Dinitrophenol	14.716	184	282574	86.65	ng		93
55) Dibenzofuran	15.010	168	1811485	39.73	ng		97
56) 4-Nitrophenol	14.810	139	540386	81.79	ng	#	60
57) 2,4-Dinitrotoluene	14.969	165	406237	42.55	ng	#	67
58) Fluorene	15.657	166	1460660	40.06	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.228	232	374613m	44.48	ng		
60) Diethylphthalate	15.428	149	1453485	40.94	ng		97
61) 4-Chlorophenyl-phenyle...	15.651	204	746245	40.94	ng		99
62) 4-Nitroaniline	15.669	138	313411	39.39	ng	#	48
63) Azobenzene	15.939	77	1466621	39.45	ng		95
65) 4,6-Dinitro-2-methylph...	15.728	198	180822	41.97	ng		89
66) n-Nitrosodiphenylamine	15.863	169	1264021	41.19	ng	#	92
67) 4-Bromophenyl-phenylether	16.545	248	421305	38.83	ng		99
68) Hexachlorobenzene	16.657	284	540240	41.82	ng	#	91
69) Atrazine	16.816	200	444608	50.70	ng		96
70) Pentachlorophenol	16.998	266	621544	95.93	ng		96
71) Phenanthrene	17.398	178	2236304	39.86	ng		100
72) Anthracene	17.486	178	2279129	41.14	ng		100
73) Carbazole	17.751	167	2057316	37.73	ng		100
74) Di-n-butylphthalate	18.304	149	2372220	40.63	ng	#	92
75) Fluoranthene	19.351	202	2582439	38.34	ng		96
77) Benzidine	19.527	184	1460623	83.42	ng		99
78) Pyrene	19.698	202	2669058	41.03	ng		99
80) Butylbenzylphthalate	20.569	149	992437	38.60	ng	#	95
81) Benzo(a)anthracene	21.404	228	2613099	38.62	ng		98
82) 3,3'-Dichlorobenzidine	21.333	252	689134	31.53	ng	#	95
83) Chrysene	21.457	228	2540495	38.78	ng		99
84) Bis(2-ethylhexyl)phtha...	21.327	149	1508855	41.06	ng	#	95
85) Di-n-octyl phthalate	22.263	149	2503146	40.53	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.433	276	3630167	45.05	ng	#	90
88) Benzo(b)fluoranthene	23.115	252	2744689	39.94	ng	#	97
89) Benzo(k)fluoranthene	23.168	252	2737625	42.04	ng	#	97
90) Benzo(a)pyrene	23.757	252	2672070	42.74	ng	#	96
91) Dibenzo(a,h)anthracene	26.456	278	3119365	44.61	ng	#	94
92) Benzo(g,h,i)perylene	27.227	276	3054397	45.29	ng	#	92

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

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