Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007323.D
Acq On : 05 Oct 2021 12:48
Operator : CG/JU
Sample : PB139587BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 05 13:29:07 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

Instrument :
BNA_P
ClientSampleId :
PB139587BS

Manual Integrations APPROVED
mohammad
10/8/2021 8:32:26 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.858	152	173190	20.00	ng		0.00
21) Naphthalene-d8	10.663	136	628042	20.00	ng		# 0.00
39) Acenaphthene-d10	14.498	164	370720	20.00	ng		0.00
64) Phenanthrene-d10	17.257	188	740551	20.00	ng		0.00
76) Chrysene-d12	21.345	240	757970	20.00	ng		0.00
86) Perylene-d12	23.751	264	829207	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	1384458	133.81	ng		0.00
7) Phenol-d6	7.046	99	1610580	113.90	ng		0.00
23) Nitrobenzene-d5	9.028	82	953770	88.44	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	636018	132.33	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	2224875	85.98	ng		0.00
79) Terphenyl-d14	19.816	244	3455656	87.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	163147	38.99	ng	#	86
3) Pyridine	3.740	79	409781	35.79	ng	#	84
4) n-Nitrosodimethylamine	3.652	42	203486	51.84	ng	#	87
6) Aniline	7.187	93	630665	40.46	ng		100
8) 2-Chlorophenol	7.428	128	483908	43.04	ng		97
9) Benzaldehyde	7.005	77	295476m	37.09	ng		
10) Phenol	7.069	94	569836	41.80	ng		94
11) bis(2-Chloroethyl)ether	7.287	93	443061	41.17	ng		94
12) 1,3-Dichlorobenzene	7.746	146	541529	42.70	ng		97
13) 1,4-Dichlorobenzene	7.893	146	546136	42.24	ng		98
14) 1,2-Dichlorobenzene	8.210	146	524796	41.88	ng		99
15) Benzyl Alcohol	8.111	79	389964	43.06	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.387	45	518294	42.06	ng		90
17) 2-Methylphenol	8.316	107	379527	41.29	ng		93
18) Hexachloroethane	8.934	117	194268	44.75	ng		96
19) n-Nitroso-di-n-propyla...	8.675	70	303667	39.48	ng		100
20) 3+4-Methylphenols	8.646	107	502207	39.52	ng		94
22) Acetophenone	8.693	105	668233	44.16	ng	#	99
24) Nitrobenzene	9.069	77	478519	46.54	ng		97
25) Isophorone	9.599	82	817347	43.46	ng		98
26) 2-Nitrophenol	9.781	139	248741	46.39	ng	#	89
27) 2,4-Dimethylphenol	9.846	122	404655	47.93	ng		99
28) bis(2-Chloroethoxy)met...	10.075	93	530763	40.01	ng		99
29) 2,4-Dichlorophenol	10.322	162	426606	43.32	ng		99
30) 1,2,4-Trichlorobenzene	10.528	180	481004	42.88	ng		98
31) Naphthalene	10.710	128	1374862	42.89	ng		99
32) Benzoic acid	10.022	122	249243	38.41	ng		98
33) 4-Chloroaniline	10.828	127	445229	33.62	ng		99
34) Hexachlorobutadiene	10.993	225	298001	44.36	ng		99
35) Caprolactam	11.640	113	133497	44.07	ng	#	73
36) 4-Chloro-3-methylphenol	11.969	107	416528	41.61	ng		97
37) 2-Methylnaphthalene	12.322	142	964174	42.96	ng		96
38) 1-Methylnaphthalene	12.546	142	888371	40.51	ng		100
40) 1,2,4,5-Tetrachloroben...	12.693	216	511137	45.02	ng		99
41) Hexachlorocyclopentadiene	12.669	237	525144	83.46	ng		97
43) 2,4,6-Trichlorophenol	12.940	196	334479	43.18	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.022	196	360501	43.22	ng		97
46) 1,1'-Biphenyl	13.334	154	1158401	42.01	ng		99
47) 2-Chloronaphthalene	13.381	162	937878	43.91	ng		97
48) 2-Nitroaniline	13.587	65	255069	48.98	ng		98
49) Acenaphthylene	14.222	152	1457551	44.30	ng		100
50) Dimethylphthalate	13.963	163	1131592	42.44	ng		100
51) 2,6-Dinitrotoluene	14.087	165	252208	46.31	ng		94
52) Acenaphthene	14.563	154	857400	43.01	ng		99
53) 3-Nitroaniline	14.416	138	219568	37.28	ng		96
54) 2,4-Dinitrophenol	14.634	184	285975	91.15	ng		95
55) Dibenzofuran	14.898	168	1391430	41.84	ng		96
56) 4-Nitrophenol	14.745	139	413936	86.58	ng		87
57) 2,4-Dinitrotoluene	14.875	165	350974	48.83	ng		98
58) Fluorene	15.551	166	1108438	43.14	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.134	232	302203m	41.26	ng		
60) Diethylphthalate	15.322	149	1133453	43.87	ng		98
61) 4-Chlorophenyl-phenyle...	15.540	204	564066	41.55	ng		93
62) 4-Nitroaniline	15.581	138	273238	46.14	ng	#	85
63) Azobenzene	15.839	77	1000067	44.67	ng		95
65) 4,6-Dinitro-2-methylph...	15.645	198	185022	41.63	ng		93
66) n-Nitrosodiphenylamine	15.763	169	983307	44.63	ng		99
67) 4-Bromophenyl-phenylether	16.439	248	350612	43.20	ng		95
68) Hexachlorobenzene	16.563	284	401055	44.71	ng		98
69) Atrazine	16.722	200	371128	47.78	ng		97
70) Pentachlorophenol	16.910	266	459419	82.47	ng		99
71) Phenanthrene	17.298	178	1757941	44.27	ng		99
72) Anthracene	17.392	178	1818244	46.81	ng		100
73) Carbazole	17.663	167	1658686	43.58	ng		99
74) Di-n-butylphthalate	18.210	149	1978074	46.89	ng		99
75) Fluoranthene	19.269	202	2119806	46.34	ng		98
77) Benzidine	19.445	184	1523051	65.38	ng		99
78) Pyrene	19.622	202	2190048	44.04	ng		99
80) Butylbenzylphthalate	20.486	149	915768	45.98	ng		99
81) Benzo(a)anthracene	21.327	228	2158588	43.87	ng		99
82) 3,3'-Dichlorobenzidine	21.263	252	758775	44.91	ng		98
83) Chrysene	21.380	228	2105469	44.78	ng		98
84) Bis(2-ethylhexyl)phtha...	21.251	149	1343469	46.92	ng		98
85) Di-n-octyl phthalate	22.169	149	2387015	48.97	ng		99
87) Indeno(1,2,3-cd)pyrene	26.286	276	2741300	46.00	ng	#	96
88) Benzo(b)fluoranthene	23.016	252	2269301	45.79	ng		98
89) Benzo(k)fluoranthene	23.069	252	2243845	44.72	ng		99
90) Benzo(a)pyrene	23.645	252	2249020	53.42	ng	#	98
91) Dibenzo(a,h)anthracene	26.292	278	2328936	46.64	ng	#	96
92) Benzo(g,h,i)perylene	27.057	276	2280901	46.80	ng	#	96

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

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