Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051121\
Data File : BP005486.D
Acq On : 11 May 2021 13:25
Operator : CG/JU
Sample : PB136239BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 11 13:58:14 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 11 11:20:59 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB136239BS

Manual Integrations APPROVED

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5/12/2021 2:04:53 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.699	152	10202	20.00	ng		0.00
21) Naphthalene-d8	10.487	136	30647	20.00	ng	#	0.00
39) Acenaphthene-d10	14.340	164	22961	20.00	ng	#	0.00
64) Phenanthrene-d10	17.092	188	58514	20.00	ng	#	0.00
76) Chrysene-d12	21.192	240	73218	20.00	ng	#	0.00
86) Perylene-d12	23.498	264	75978	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	81864	154.00	ng		0.00
7) Phenol-d6	6.893	99	81352	122.73	ng		0.00
23) Nitrobenzene-d5	8.863	82	60842	78.14	ng		0.00
42) 2,4,6-Tribromophenol	15.839	330	76102	116.80	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	152456	74.90	ng		0.00
79) Terphenyl-d14	19.663	244	295148	68.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.187	88	17223	88.28	ng	#	95
3) Pyridine	3.593	79	38092	80.93	ng	#	80
4) n-Nitrosodimethylamine	3.505	42	27952	73.84	ng	#	8
6) Aniline	7.034	93	28311	39.57	ng	#	75
8) 2-Chlorophenol	7.269	128	26893	47.10	ng		93
9) Benzaldehyde	6.852	77	4456	10.46	ng	#	83
10) Phenol	6.922	94	30909	46.62	ng	#	48
11) bis(2-Chloroethyl)ether	7.134	93	21127	46.14	ng		94
12) 1,3-Dichlorobenzene	7.581	146	35422	46.63	ng	#	77
13) 1,4-Dichlorobenzene	7.734	146	38019	50.21	ng		95
14) 1,2-Dichlorobenzene	8.046	146	33031	45.52	ng		98
15) Benzyl Alcohol	7.958	79	27746	43.39	ng	#	79
16) 2,2'-oxybis(1-Chloropr...	8.240	45	9663	42.74	ng		65
17) 2-Methylphenol	8.163	107	20067	44.07	ng	#	77
18) Hexachloroethane	8.763	117	16798	53.56	ng		89
19) n-Nitroso-di-n-propyla...	8.516	70	21769	44.85	ng		94
20) 3+4-Methylphenols	8.493	107	25891	42.77	ng		84
22) Acetophenone	8.528	105	41566	48.08	ng	#	84
24) Nitrobenzene	8.905	77	36756	47.06	ng		90
25) Isophorone	9.434	82	50429	41.82	ng	#	94
26) 2-Nitrophenol	9.610	139	14487	44.30	ng	#	74
27) 2,4-Dimethylphenol	9.687	122	19585	45.24	ng	#	72
28) bis(2-Chloroethoxy)met...	9.916	93	24754	49.04	ng		96
29) 2,4-Dichlorophenol	10.157	162	29116	42.83	ng		98
30) 1,2,4-Trichlorobenzene	10.352	180	41967	48.33	ng		94
31) Naphthalene	10.540	128	74366	45.12	ng		98
32) Benzoic acid	9.875	122	12094	36.16	ng	#	60
33) 4-Chloroaniline	10.669	127	13544	21.10	ng	#	86
34) Hexachlorobutadiene	10.816	225	38802	53.58	ng		94
35) Caprolactam	11.487	113	5329m	34.07	ng		
36) 4-Chloro-3-methylphenol	11.810	107	24133	39.82	ng		99
37) 2-Methylnaphthalene	12.157	142	57283	43.33	ng		95
38) 1-Methylnaphthalene	12.375	142	54492	43.66	ng		99
40) 1,2,4,5-Tetrachloroben...	12.528	216	53988	51.18	ng		96
41) Hexachlorocyclopentadiene	12.498	237	69195	148.54	ng		97
43) 2,4,6-Trichlorophenol	12.781	196	29785	45.19	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.863	196	31472	44.25	ng		89
46) 1,1'-Biphenyl	13.175	154	83260	47.10	ng		98
47) 2-Chloronaphthalene	13.216	162	68645	46.63	ng		99
48) 2-Nitroaniline	13.440	65	19829	47.42	ng		87
49) Acenaphthylene	14.063	152	96660	45.58	ng		99
50) Dimethylphthalate	13.816	163	85212	42.99	ng	#	99
51) 2,6-Dinitrotoluene	13.940	165	18805	42.25	ng		96
52) Acenaphthene	14.404	154	58933	44.67	ng		96
53) 3-Nitroaniline	14.275	138	8989	28.19	ng		92
54) 2,4-Dinitrophenol	14.492	184	24191	90.10	ng		86
55) Dibenzofuran	14.745	168	109784	44.24	ng		97
56) 4-Nitrophenol	14.610	139	18686	77.63	ng	#	69
57) 2,4-Dinitrotoluene	14.734	165	26635	40.59	ng	#	89
58) Fluorene	15.392	166	90915	44.87	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.981	232	32937m	46.31	ng		
60) Diethylphthalate	15.175	149	85465	44.52	ng		98
61) 4-Chlorophenyl-phenyle...	15.392	204	63056	49.73	ng		95
62) 4-Nitroaniline	15.439	138	11036	36.02	ng	#	63
63) Azobenzene	15.687	77	97425	49.23	ng		88
65) 4,6-Dinitro-2-methylph...	15.498	198	18770	40.48	ng		93
66) n-Nitrosodiphenylamine	15.610	169	75151	44.01	ng		93
67) 4-Bromophenyl-phenylether	16.287	248	44398	48.61	ng		96
68) Hexachlorobenzene	16.398	284	52595	45.40	ng		96
69) Atrazine	16.575	200	29795	37.35	ng		97
70) Pentachlorophenol	16.751	266	54458	88.61	ng		91
71) Phenanthrene	17.139	178	144333	43.41	ng		100
72) Anthracene	17.228	178	146962	44.54	ng		98
73) Carbazole	17.510	167	112841	38.83	ng		99
74) Di-n-butylphthalate	18.063	149	138473	43.41	ng		98
75) Fluoranthene	19.110	202	190597	41.68	ng		98
77) Benzidine	19.304	184	59741	52.71	ng		98
78) Pyrene	19.463	202	194625	46.95	ng		98
80) Butylbenzylphthalate	20.345	149	60798	45.40	ng		88
81) Benzo(a)anthracene	21.174	228	205900	43.40	ng		99
82) 3,3'-Dichlorobenzidine	21.116	252	72146	40.36	ng	#	96
83) Chrysene	21.227	228	205146	44.61	ng		98
84) Bis(2-ethylhexyl)phtha...	21.104	149	91764	44.81	ng	#	97
85) Di-n-octyl phthalate	21.992	149	149979	43.60	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.898	276	296204	46.34	ng	#	96
88) Benzo(b)fluoranthene	22.798	252	225418	44.52	ng	#	98
89) Benzo(k)fluoranthene	22.839	252	227691	45.99	ng	#	96
90) Benzo(a)pyrene	23.392	252	211014	45.47	ng	#	98
91) Dibenzo(a,h)anthracene	25.904	278	253695	44.98	ng	#	97
92) Benzo(g,h,i)perylene	26.627	276	242850	46.54	ng	#	94

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

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