Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082021\
Data File : BP006817.D
Acq On : 21 Aug 2021 00:54
Operator : CG/JU
Sample : M3434-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SWCS-12-0510

Quant Time: Aug 21 02:59:36 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 20 11:25:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	117	20.000	ng	# 0.00
21) Naphthalene-d8	10.463	136	35	20.000	ng	#-0.01
39) Acenaphthene-d10	14.322	164	56	20.000	ng	#-0.02
64) Phenanthrene-d10	17.092	188	484	20.000	ng	# 0.00
76) Chrysene-d12	21.204	240	1198	20.000	ng	# 0.00
86) Perylene-d12	23.492	264	2313	20.000	ng	#-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	204	26.781	ng	0.00
7) Phenol-d6	6.881	99	174	16.080	ng	0.00
23) Nitrobenzene-d5	8.852	82	84	110.778	ng	0.00
42) 2,4,6-Tribromophenol	15.822	330	33	56.385	ng	-0.02
45) 2-Fluorobiphenyl	12.957	172	167	44.617	ng	0.00
79) Terphenyl-d14	19.680	244	3965	66.319	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	206	62.116	ng	# 1
3) Pyridine	3.652	79	733	75.201	ng	# 39
4) n-Nitrosodimethylamine	3.546	42	40	10.873	ng	# 1
6) Aniline	7.034	93	79	6.721	ng	# 1
8) 2-Chlorophenol	7.252	128	111	13.468	ng	# 2
9) Benzaldehyde	6.875	77	572	87.828	ng	# 26
10) Phenol	7.158	94	253	23.317	ng	71
11) bis(2-Chloroethyl)ether	7.128	93	142	17.236	ng	# 1
12) 1,3-Dichlorobenzene	7.575	146	79	9.197	ng	# 28
13) 1,4-Dichlorobenzene	7.710	146	47	5.391	ng	# 79
14) 1,2-Dichlorobenzene	8.028	146	53	6.336	ng	# 23
15) Benzyl Alcohol	7.946	79	96	11.830	ng	# 17
16) 2,2'-oxybis(1-Chloropr...	8.216	45	139	14.178	ng	# 1
17) 2-Methylphenol	8.128	107	51	7.444	ng	# 1
18) Hexachloroethane	8.769	117	206	59.699	ng	# 6
19) n-Nitroso-di-n-propyla...	8.499	70	74	10.193	ng	# 1
20) 3+4-Methylphenols	8.481	107	152	16.299	ng	# 1
22) Acetophenone	8.505	105	167	179.922	ng	# 1
24) Nitrobenzene	8.905	77	131	166.194	ng	# 48
25) Isophorone	9.416	82	130	95.451	ng	# 61
26) 2-Nitrophenol	9.569	139	15	52.291	ng	# 1
27) 2,4-Dimethylphenol	9.428	122	148	308.101	ng	86
28) bis(2-Chloroethoxy)met...	9.816	93	153	209.957	ng	97
29) 2,4-Dichlorophenol	10.163	162	17	34.956	ng	# 1
30) 1,2,4-Trichlorobenzene	10.334	180	21	40.185	ng	# 22
31) Naphthalene	10.510	128	95	50.513	ng	# 29
32) Benzoic acid	9.810	122	91	244.881	ng	# 1
33) 4-Chloroaniline	10.646	127	50	65.698	ng	# 1
34) Hexachlorobutadiene	10.734	225	23	75.527	ng	90
35) Caprolactam	11.416	113	83	473.305	ng	# 1
36) 4-Chloro-3-methylphenol	11.781	107	54	87.393	ng	# 81
37) 2-Methylnaphthalene	12.134	142	83	65.128	ng	# 1
38) 1-Methylnaphthalene	12.363	142	53	43.762	ng	# 32
40) 1,2,4,5-Tetrachloroben...	12.481	216	5	3.411	ng	# 1
41) Hexachlorocyclopentadiene	12.410	237	23	29.587	ng	91
43) 2,4,6-Trichlorophenol	12.751	196	35	34.973	ng	# 66

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	17	15.346	ng	#	1
46) 1,1'-Biphenyl	13.169	154	35	8.257	ng	#	1
47) 2-Chloronaphthalene	13.246	162	82	25.122	ng		94
48) 2-Nitroaniline	13.387	65	47	40.801	ng	#	8
49) Acenaphthylene	14.057	152	1056	200.636	ng	#	90
50) Dimethylphthalate	13.810	163	190	46.610	ng	#	64
51) 2,6-Dinitrotoluene	13.928	165	174	191.292	ng	#	45
52) Acenaphthene	14.392	154	245	76.485	ng	#	64
53) 3-Nitroaniline	14.240	138	15	14.875	ng	#	1
54) 2,4-Dinitrophenol	14.469	184	22	46.251	ng	#	1
55) Dibenzofuran	14.704	168	78	15.481	ng	#	79
56) 4-Nitrophenol	14.587	139	109	124.487	ng	#	1
57) 2,4-Dinitrotoluene	14.698	165	110	90.174	ng	#	6
58) Fluorene	15.392	166	388	96.345	ng	#	77
59) 2,3,4,6-Tetrachlorophenol	14.957	232	61	65.707	ng	#	44
60) Diethylphthalate	15.175	149	756	176.574	ng	#	65
61) 4-Chlorophenyl-phenyle...	15.387	204	103	56.476	ng	#	1
62) 4-Nitroaniline	15.404	138	53	49.531	ng	#	1
63) Azobenzene	15.692	77	262	52.487	ng		78
65) 4,6-Dinitro-2-methylph...	15.475	198	37	12.511	ng	#	1
66) n-Nitrosodiphenylamine	15.592	169	108	7.099	ng	#	62
67) 4-Bromophenyl-phenylether	16.516	248	37	7.967	ng		98
68) Hexachlorobenzene	16.392	284	112	21.193	ng	#	48
69) Atrazine	16.587	200	61	12.850	ng		93
70) Pentachlorophenol	16.728	266	76	22.666	ng	#	60
71) Phenanthrene	17.139	178	670	24.542	ng	#	46
72) Anthracene	17.234	178	844	31.994	ng	#	32
73) Carbazole	17.516	167	524	19.474	ng	#	51
74) Di-n-butylphthalate	18.075	149	997	32.522	ng	#	70
75) Fluoranthene	19.116	202	1098	35.833	ng	#	21
77) Benzidine	19.292	184	73	2.435	ng	#	1
78) Pyrene	19.469	202	923	11.535	ng	#	53
80) Butylbenzylphthalate	20.351	149	27251	774.458	ng	#	45
81) Benzo(a)anthracene	21.186	228	3013	38.483	ng	#	34
82) 3,3'-Dichlorobenzidine	21.127	252	490	23.839	ng	#	54
83) Chrysene	21.233	228	4251	56.006	ng	#	54
84) Bis(2-ethylhexyl)phtha...	21.122	149	2732	51.667	ng	#	83
85) Di-n-octyl phthalate	22.027	149	3452	39.608	ng	#	1
87) Indeno(1,2,3-cd)pyrene	25.886	276	5430	32.376	ng	#	83
88) Benzo(b)fluoranthene	22.810	252	6479	43.099	ng	#	15
89) Benzo(k)fluoranthene	22.857	252	5754	39.866	ng	#	1
90) Benzo(a)pyrene	23.404	252	1480	10.976	ng	#	1
91) Dibenzo(a,h)anthracene	25.904	278	3382	23.323	ng	#	2
92) Benzo(g,h,i)perylene	26.633	276	3669	26.403	ng	#	18

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

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