Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121321\
Data File : BP008379.D
Acq On : 13 Dec 2021 14:51
Operator : CG/JU
Sample : M5017-29
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP3

Quant Time: Dec 14 02:19:13 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 03:53:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	13	20.000	ng	# 0.00
21) Naphthalene-d8	10.563	136	11	20.000	ng	# 0.00
39) Acenaphthene-d10	14.439	164	37	20.000	ng	# 0.02
64) Phenanthrene-d10	17.216	188	13	20.000	ng	# 0.04
76) Chrysene-d12	21.333	240	108	20.000	ng	# 0.05
86) Perylene-d12	23.721	264	344	20.000	ng	# 0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	411478	509629.568	ng	-0.01
7) Phenol-d6	6.946	99	528328	484730.651	ng	0.00
23) Nitrobenzene-d5	8.910	82	350355	1448341.827	ng	-0.02
42) 2,4,6-Tribromophenol	15.910	330	244013	515968.395	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	711221	279209.181	ng	-0.01
79) Terphenyl-d14	19.745	244	1417917	274383.152	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	133	353.080	ng	# 1
3) Pyridine	3.652	79	235	233.744	ng	# 1
4) n-Nitrosodimethylamine	3.581	42	237	565.170	ng	# 1
6) Aniline	7.104	93	91	71.225	ng	# 1
8) 2-Chlorophenol	7.446	128	34	41.136	ng	86
9) Benzaldehyde	6.946	77	1045	1942.236	ng	# 10
10) Phenol	6.969	94	7802	6965.778	ng	# 23
11) bis(2-Chloroethyl)ether	7.187	93	64	71.489	ng	# 30
12) 1,3-Dichlorobenzene	7.693	146	29	30.397	ng	96
13) 1,4-Dichlorobenzene	7.969	146	22	22.745	ng	93
14) 1,2-Dichlorobenzene	7.969	146	22	22.870	ng	95
15) Benzyl Alcohol	8.034	79	169	195.700	ng	# 46
16) 2,2'-oxybis(1-Chloropr...	8.393	45	201	148.799	ng	80
17) 2-Methylphenol	8.228	107	31	42.543	ng	# 1
18) Hexachloroethane	8.840	117	42	116.778	ng	# 9
19) n-Nitroso-di-n-propyla...	8.593	70	104	137.897	ng	# 1
20) 3+4-Methylphenols	8.557	107	33	32.814	ng	# 1
22) Acetophenone	8.598	105	80	265.886	ng	# 1
24) Nitrobenzene	8.998	77	113	481.688	ng	# 52
25) Isophorone	9.516	82	43	101.605	ng	# 85
26) 2-Nitrophenol	9.681	139	28	276.637	ng	# 92
27) 2,4-Dimethylphenol	9.751	122	5	33.031	ng	# 1
28) bis(2-Chloroethoxy)met...	9.992	93	27	100.103	ng	# 1
29) 2,4-Dichlorophenol	10.234	162	16	88.501	ng	# 1
30) 1,2,4-Trichlorobenzene	10.416	180	24	114.375	ng	# 36
31) Naphthalene	10.610	128	99	175.689	ng	# 74
32) Benzoic acid	9.951	122	12	96.913	ng	# 1
33) 4-Chloroaniline	10.734	127	14	59.887	ng	# 1
34) Hexachlorobutadiene	10.910	225	14	97.493	ng	# 35
35) Caprolactam	11.545	113	24	597.627	ng	# 1
36) 4-Chloro-3-methylphenol	11.869	107	30	145.160	ng	# 34
37) 2-Methylnaphthalene	12.234	142	6	15.055	ng	# 35
38) 1-Methylnaphthalene	12.445	142	58	149.510	ng	# 76
40) 1,2,4,5-Tetrachloroben...	12.610	216	21	17.472	ng	# 27
41) Hexachlorocyclopentadiene	12.451	237	5	10.821	ng	78
43) 2,4,6-Trichlorophenol	12.875	196	8	9.824	ng	# 64

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	26	29.797	ng	#	10
46) 1,1'-Biphenyl	13.016	154	1439	536.039	ng	#	1
47) 2-Chloronaphthalene	13.069	162	14	6.604	ng		88
48) 2-Nitroaniline	13.528	65	79	108.137	ng	#	34
49) Acenaphthylene	14.151	152	225	68.795	ng	#	80
50) Dimethylphthalate	13.886	163	367	132.090	ng	#	81
51) 2,6-Dinitrotoluene	14.010	165	36	62.432	ng	#	81
52) Acenaphthene	14.510	154	14	7.183	ng	#	49
53) 3-Nitroaniline	14.363	138	7	11.979	ng	#	30
54) 2,4-Dinitrophenol	14.586	184	29	85.060	ng	#	68
55) Dibenzofuran	14.851	168	56	16.813	ng	#	82
56) 4-Nitrophenol	14.869	139	73	162.979	ng		93
57) 2,4-Dinitrotoluene	14.828	165	28	35.383	ng	#	1
58) Fluorene	15.504	166	15	5.543	ng	#	1
59) 2,3,4,6-Tetrachlorophenol	15.069	232	159	204.918	ng	#	31
60) Diethylphthalate	15.304	149	45	16.321	ng	#	51
61) 4-Chlorophenyl-phenyle...	15.486	204	31	20.885	ng	#	52
62) 4-Nitroaniline	15.316	138	16	26.386	ng		91
63) Azobenzene	15.710	77	75	26.593	ng		82
65) 4,6-Dinitro-2-methylph...	15.598	198	23	270.495	ng	#	1
66) n-Nitrosodiphenylamine	15.904	169	8128	21584.343	ng	#	50
67) 4-Bromophenyl-phenylether	16.469	248	47	325.128	ng		89
68) Hexachlorobenzene	16.527	284	20	129.430	ng	#	38
69) Atrazine	16.686	200	33	337.657	ng		91
70) Pentachlorophenol	16.786	266	14	152.364	ng		92
71) Phenanthrene	17.222	178	2607	3798.220	ng		98
72) Anthracene	17.222	178	2607	3827.273	ng		98
73) Carbazole	17.604	167	1006	1512.917	ng	#	91
74) Di-n-butylphthalate	18.180	149	241	289.530	ng	#	92
75) Fluoranthene	19.198	202	6528	7060.074	ng		100
78) Pyrene	19.551	202	6826	1061.943	ng	#	93
80) Butylbenzylphthalate	20.421	149	1243	404.175	ng		89
81) Benzo(a)anthracene	21.268	228	10136	1416.083	ng		94
82) 3,3'-Dichlorobenzidine	21.239	252	380	112.680	ng	#	46
83) Chrysene	21.315	228	10163	1492.097	ng		91
84) Bis(2-ethylhexyl)phtha...	21.280	149	1216	260.420	ng	#	73
85) Di-n-octyl phthalate	22.151	149	845	106.529	ng	#	56
87) Indeno(1,2,3-cd)pyrene	26.139	276	9334	372.966	ng		95
88) Benzo(b)fluoranthene	22.980	252	18453	889.814	ng	#	83
89) Benzo(k)fluoranthene	22.980	252	18453	908.891	ng	#	82
90) Benzo(a)pyrene	23.556	252	12664	714.501	ng	#	88
91) Dibenzo(a,h)anthracene	26.156	278	5784	278.284	ng	#	80
92) Benzo(g,h,i)perylene	26.897	276	7381	352.011	ng	#	87

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

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