Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
Data File : BG051088.D
Acq On : 17 Nov 2021 12:04
Operator : CG/JU
Sample : PB140723BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB140723BS

Quant Time: Nov 17 12:54:45 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 03:55:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.229	152	31262	20.000	ng		0.00
21) Naphthalene-d8	11.055	136	140857	20.000	ng	#	0.00
39) Acenaphthene-d10	14.856	164	94404	20.000	ng		0.00
64) Phenanthrene-d10	17.606	188	206106	20.000	ng	#	0.00
76) Chrysene-d12	21.907	240	159014	20.000	ng	#	0.00
86) Perylene-d12	25.326	264	162124	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.767	112	272068	130.186	ng		0.00
7) Phenol-d6	7.382	99	359330	121.819	ng		0.01
23) Nitrobenzene-d5	9.404	82	242690	76.269	ng		0.00
42) 2,4,6-Tribromophenol	16.348	330	120580	127.635	ng		0.00
45) 2-Fluorobiphenyl	13.481	172	491331	82.234	ng		0.00
79) Terphenyl-d14	20.191	244	722481	83.136	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.605	88	26852	28.751	ng		90
3) Pyridine	4.022	79	68487	24.684	ng	#	86
4) n-Nitrosodimethylamine	3.934	42	47239	38.383	ng	#	45
6) Aniline	7.547	93	148895	42.384	ng		95
8) 2-Chlorophenol	7.788	128	102316	47.666	ng		94
9) Benzaldehyde	7.359	77	72916	34.352	ng		91
10) Phenol	7.406	94	137687	45.451	ng		85
11) bis(2-Chloroethyl)ether	7.635	93	97131	41.611	ng		88
12) 1,3-Dichlorobenzene	8.117	146	98929	42.315	ng		95
13) 1,4-Dichlorobenzene	8.264	146	99985	42.491	ng		95
14) 1,2-Dichlorobenzene	8.587	146	98888	43.270	ng		96
15) Benzyl Alcohol	8.469	79	107976	46.539	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.746	45	146908	39.262	ng		87
17) 2-Methylphenol	8.669	107	95183	47.189	ng	#	91
18) Hexachloroethane	9.315	117	38096	42.650	ng		94
19) n-Nitroso-di-n-propyla...	9.033	70	90801	41.655	ng		88
20) 3+4-Methylphenols	8.998	107	128386	45.106	ng		94
22) Acetophenone	9.057	105	153920	39.316	ng	#	94
24) Nitrobenzene	9.451	77	131713	41.985	ng		91
25) Isophorone	9.968	82	235877	41.013	ng	#	95
26) 2-Nitrophenol	10.162	139	57375	43.032	ng	#	90
27) 2,4-Dimethylphenol	10.209	122	101990	50.185	ng		95
28) bis(2-Chloroethoxy)met...	10.444	93	135083	39.513	ng		94
29) 2,4-Dichlorophenol	10.702	162	99550	45.814	ng		96
30) 1,2,4-Trichlorobenzene	10.914	180	104045	42.741	ng		99
31) Naphthalene	11.107	128	313920	41.505	ng		97
32) Benzoic acid	10.367	122	63658	40.643	ng	#	80
33) 4-Chloroaniline	11.219	127	107966	33.786	ng		94
34) Hexachlorobutadiene	11.372	225	63422	42.818	ng		96
35) Caprolactam	12.006	113	36599	61.948	ng	#	75
36) 4-Chloro-3-methylphenol	12.324	107	120713	44.528	ng	#	92
37) 2-Methylnaphthalene	12.700	142	226350	44.041	ng		93
38) 1-Methylnaphthalene	12.917	142	207294	41.273	ng		93
40) 1,2,4,5-Tetrachloroben...	13.064	216	122098	44.396	ng		98
41) Hexachlorocyclopentadiene	13.029	237	112990	120.641	ng		95
43) 2,4,6-Trichlorophenol	13.299	196	86223	43.942	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.375	196	92113	44.017	ng		92
46) 1,1'-Biphenyl	13.693	154	284785	41.311	ng		95
47) 2-Chloronaphthalene	13.746	162	229409	42.443	ng		98
48) 2-Nitroaniline	13.945	65	86287	41.687	ng		90
49) Acenaphthylene	14.586	152	370463	42.378	ng		97
50) Dimethylphthalate	14.298	163	303504	40.861	ng		99
51) 2,6-Dinitrotoluene	14.433	165	67250	43.991	ng		83
52) Acenaphthene	14.921	154	215765	42.359	ng		91
53) 3-Nitroaniline	14.768	138	60860	34.064	ng		97
54) 2,4-Dinitrophenol	14.985	184	77827	93.096	ng	#	80
55) Dibenzofuran	15.256	168	354532	40.921	ng		96
56) 4-Nitrophenol	15.073	139	108924	79.693	ng	#	75
57) 2,4-Dinitrotoluene	15.220	165	95186	43.884	ng		93
58) Fluorene	15.902	166	287502	42.512	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.479	232	79474	44.591	ng	#	99
60) Diethylphthalate	15.655	149	319112	40.942	ng		97
61) 4-Chlorophenyl-phenyle...	15.884	204	154577	42.316	ng		97
62) 4-Nitroaniline	15.931	138	71202	38.339	ng	#	64
63) Azobenzene	16.178	77	325675	39.430	ng		82
65) 4,6-Dinitro-2-methylph...	15.990	198	51889	40.694	ng		90
66) n-Nitrosodiphenylamine	16.102	169	260722	44.048	ng		99
67) 4-Bromophenyl-phenylether	16.783	248	95133	44.065	ng		92
68) Hexachlorobenzene	16.907	284	98465	46.335	ng		95
69) Atrazine	17.042	200	100974	68.611	ng		96
70) Pentachlorophenol	17.253	266	107948	89.513	ng		95
71) Phenanthrene	17.647	178	469190	42.678	ng		96
72) Anthracene	17.741	178	476050	43.538	ng		99
73) Carbazole	18.011	167	422469	39.015	ng		98
74) Di-n-butylphthalate	18.534	149	524154	40.856	ng	#	96
75) Fluoranthene	19.650	202	522283	38.723	ng		96
77) Benzidine	19.821	184	297502	98.979	ng		99
78) Pyrene	20.009	202	521579	43.723	ng		98
80) Butylbenzylphthalate	20.867	149	209465	40.851	ng		97
81) Benzo(a)anthracene	21.889	228	462464	42.355	ng		99
82) 3,3'-Dichlorobenzidine	21.789	252	143242	28.685	ng	#	97
83) Chrysene	21.959	228	446938	43.392	ng		96
84) Bis(2-ethylhexyl)phtha...	21.748	149	298260	41.309	ng		98
85) Di-n-octyl phthalate	23.017	149	504633	41.521	ng		99
87) Indeno(1,2,3-cd)pyrene	29.269	276	510517	44.364	ng		98
88) Benzo(b)fluoranthene	24.233	252	464878	45.554	ng	#	94
89) Benzo(k)fluoranthene	24.304	252	443223	43.547	ng	#	97
90) Benzo(a)pyrene	25.167	252	446114	51.205	ng	#	94
91) Dibenzo(a,h)anthracene	29.327	278	429364	45.319	ng	#	92
92) Benzo(g,h,i)perylene	30.514	276	426531	45.746	ng	#	93

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

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