Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050488.D
Acq On : 7 Oct 2021 18:22
Operator : CG/JU
Sample : M4113-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-2MS

Manual Integrations APPROVED
mohammad
10/11/2021 12:54:43 PM

Quant Time: Oct 08 05:45:09 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 15:51:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.258	152	39661	20.00	ng		0.00
21) Naphthalene-d8	11.084	136	170851	20.00	ng		# 0.00
39) Acenaphthene-d10	14.880	164	123077	20.00	ng		0.00
64) Phenanthrene-d10	17.618	188	289789	20.00	ng		# 0.00
76) Chrysene-d12	21.924	240	261772	20.00	ng		# 0.00
86) Perylene-d12	25.332	264	270429	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.796	112	291123	109.78	ng		0.00
7) Phenol-d6	7.394	99	402709	104.88	ng		0.00
23) Nitrobenzene-d5	9.427	82	282821	68.53	ng		0.00
42) 2,4,6-Tribromophenol	16.360	330	128420	109.39	ng		0.00
45) 2-Fluorobiphenyl	13.505	172	518672	63.43	ng		0.00
79) Terphenyl-d14	20.209	244	878035	65.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.658	88	52228	38.03	ng		95
3) Pyridine	4.063	79	118818	31.67	ng		95
4) n-Nitrosodimethylamine	3.975	42	82350	46.57	ng	#	58
6) Aniline	7.577	93	164184	36.80	ng		92
8) 2-Chlorophenol	7.817	128	128506	50.33	ng		88
9) Benzaldehyde	7.389	77	101766	42.33	ng		90
10) Phenol	7.424	94	185894	49.79	ng		86
11) bis(2-Chloroethyl)ether	7.671	93	127689	43.82	ng		86
12) 1,3-Dichlorobenzene	8.146	146	131498	44.61	ng		96
13) 1,4-Dichlorobenzene	8.293	146	131875	44.38	ng		95
14) 1,2-Dichlorobenzene	8.617	146	128117	45.14	ng		94
15) Benzyl Alcohol	8.493	79	150917	49.74	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.781	45	218488	45.98	ng		84
17) 2-Methylphenol	8.687	107	123884	50.43	ng		93
18) Hexachloroethane	9.351	117	51227	45.55	ng		92
19) n-Nitroso-di-n-propyla...	9.063	70	125875	44.98	ng	#	94
20) 3+4-Methylphenols	9.016	107	169028	48.89	ng		98
22) Acetophenone	9.087	105	207312	42.68	ng	#	99
24) Nitrobenzene	9.474	77	184401	44.93	ng		97
25) Isophorone	9.997	82	323184	44.15	ng	#	95
26) 2-Nitrophenol	10.185	139	70345	46.68	ng	#	92
27) 2,4-Dimethylphenol	10.232	122	138346	53.14	ng		94
28) bis(2-Chloroethoxy)met...	10.473	93	178302	42.60	ng	#	91
29) 2,4-Dichlorophenol	10.720	162	129890	48.95	ng		96
30) 1,2,4-Trichlorobenzene	10.943	180	129488	42.96	ng		96
31) Naphthalene	11.137	128	404391	44.22	ng		98
32) Benzoic acid	10.362	122	99696	51.60	ng	#	71
33) 4-Chloroaniline	11.237	127	84728	22.08	ng		98
34) Hexachlorobutadiene	11.407	225	81044	42.83	ng		94
35) Caprolactam	12.013	113	53269m	52.45	ng		
36) 4-Chloro-3-methylphenol	12.330	107	162210	48.91	ng	#	88
37) 2-Methylnaphthalene	12.723	142	291996	46.28	ng		95
38) 1-Methylnaphthalene	12.941	142	273984	44.78	ng		93
40) 1,2,4,5-Tetrachloroben...	13.082	216	149679	41.18	ng		97
41) Hexachlorocyclopentadiene	13.058	237	208789	99.40	ng		91
43) 2,4,6-Trichlorophenol	13.311	196	113713	44.40	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.382	196	126103	47.09	ng		91
46) 1,1'-Biphenyl	13.716	154	368761	41.08	ng		94
47) 2-Chloronaphthalene	13.763	162	292699	42.46	ng		99
48) 2-Nitroaniline	13.957	65	126916	46.28	ng		94
49) Acenaphthylene	14.604	152	497293	44.03	ng		96
50) Dimethylphthalate	14.322	163	403148	43.34	ng		99
51) 2,6-Dinitrotoluene	14.445	165	87588	47.01	ng		94
52) Acenaphthene	14.944	154	363467m	50.08	ng		
53) 3-Nitroaniline	14.774	138	57923	26.28	ng		88
54) 2,4-Dinitrophenol	14.980	184	114951	99.44	ng		92
55) Dibenzofuran	15.273	168	477195	42.51	ng		98
56) 4-Nitrophenol	15.068	139	172156	97.10	ng	#	83
57) 2,4-Dinitrotoluene	15.226	165	128604	48.97	ng		91
58) Fluorene	15.920	166	383495	44.48	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.491	232	108707m	46.61	ng		
60) Diethylphthalate	15.673	149	437820	44.79	ng		96
61) 4-Chlorophenyl-phenyle...	15.908	204	203570	43.15	ng		98
62) 4-Nitroaniline	15.937	138	102579	44.73	ng	#	68
63) Azobenzene	16.202	77	496802	43.91	ng		83
65) 4,6-Dinitro-2-methylph...	15.990	198	74499	42.80	ng		90
66) n-Nitrosodiphenylamine	16.119	169	355841	43.22	ng		98
67) 4-Bromophenyl-phenylether	16.801	248	126029	43.16	ng		95
68) Hexachlorobenzene	16.919	284	128562	44.30	ng	#	92
69) Atrazine	17.060	200	149270	46.02	ng		100
70) Pentachlorophenol	17.259	266	181744	91.99	ng		99
71) Phenanthrene	17.665	178	669853	43.87	ng		98
72) Anthracene	17.753	178	687121	45.28	ng		97
73) Carbazole	18.017	167	634814	41.97	ng		98
74) Di-n-butylphthalate	18.558	149	770814	43.43	ng		97
75) Fluoranthene	19.662	202	813799	43.35	ng		95
77) Benzidine	19.833	184	363319	42.82	ng		99
78) Pyrene	20.021	202	820950	44.20	ng		97
80) Butylbenzylphthalate	20.890	149	346019	44.05	ng		94
81) Benzo(a)anthracene	21.901	228	742996	42.90	ng		98
82) 3,3'-Dichlorobenzidine	21.807	252	153540	26.75	ng	#	98
83) Chrysene	21.971	228	717020	44.01	ng		94
84) Bis(2-ethylhexyl)phtha...	21.778	149	503333	45.09	ng	#	96
85) Di-n-octyl phthalate	23.058	149	842453	45.25	ng		95
87) Indeno(1,2,3-cd)pyrene	29.257	276	822758	43.68	ng	#	93
88) Benzo(b)fluoranthene	24.245	252	765429	46.22	ng	#	95
89) Benzo(k)fluoranthene	24.316	252	719102	44.14	ng	#	97
90) Benzo(a)pyrene	25.174	252	733807	52.11	ng	#	94
91) Dibenzo(a,h)anthracene	29.333	278	698143	44.81	ng	#	93
92) Benzo(g,h,i)perylene	30.491	276	685365	44.92	ng	#	91

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

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