Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101121\
Data File : BG050538.D
Acq On : 11 Oct 2021 16:42
Operator : CG/JU
Sample : PB139761BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB139761BS

Manual Integrations APPROVED
mohammad
10/12/2021 11:38:03 AM

Quant Time: Oct 11 17:18:01 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	8.264	152	36437	20.00	ng		0.00
21) Naphthalene-d8	11.084	136	163402	20.00	ng		# 0.00
39) Acenaphthene-d10	14.880	164	119526	20.00	ng		0.00
64) Phenanthrene-d10	17.624	188	278638	20.00	ng		# 0.00
76) Chrysene-d12	21.925	240	242829	20.00	ng		# 0.00
86) Perylene-d12	25.338	264	240620	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.796	112	349813	143.58	ng		0.00
7) Phenol-d6	7.400	99	481341	136.46	ng		0.00
23) Nitrobenzene-d5	9.433	82	338559	85.77	ng		0.00
42) 2,4,6-Tribromophenol	16.366	330	162669	142.68	ng		0.00
45) 2-Fluorobiphenyl	13.505	172	643020	80.97	ng		0.00
79) Terphenyl-d14	20.209	244	1117177	89.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.658	88	38537	30.54	ng		94
3) Pyridine	4.063	79	94623	27.45	ng	#	94
4) n-Nitrosodimethylamine	3.975	42	71231	43.85	ng	#	49
6) Aniline	7.577	93	188420	45.97	ng		93
8) 2-Chlorophenol	7.818	128	119701	51.03	ng		87
9) Benzaldehyde	7.389	77	97478	44.37	ng		93
10) Phenol	7.430	94	170212	49.63	ng		86
11) bis(2-Chloroethyl)ether	7.671	93	121855	45.52	ng		85
12) 1,3-Dichlorobenzene	8.147	146	120599	44.54	ng		97
13) 1,4-Dichlorobenzene	8.293	146	121862	44.64	ng		92
14) 1,2-Dichlorobenzene	8.617	146	117826	45.19	ng		94
15) Benzyl Alcohol	8.493	79	143587	51.51	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.781	45	204115	46.75	ng		85
17) 2-Methylphenol	8.693	107	116104	51.45	ng		92
18) Hexachloroethane	9.351	117	48256	46.70	ng		91
19) n-Nitroso-di-n-propyla...	9.063	70	122036	47.47	ng	#	90
20) 3+4-Methylphenols	9.022	107	161942	50.98	ng		95
22) Acetophenone	9.087	105	197665	42.55	ng	#	98
24) Nitrobenzene	9.474	77	172538	43.96	ng		95
25) Isophorone	9.997	82	317296	45.32	ng	#	97
26) 2-Nitrophenol	10.191	139	70151	48.68	ng	#	87
27) 2,4-Dimethylphenol	10.232	122	128888	51.76	ng		92
28) bis(2-Chloroethoxy)met...	10.473	93	173241	43.27	ng		94
29) 2,4-Dichlorophenol	10.726	162	123906	48.82	ng		96
30) 1,2,4-Trichlorobenzene	10.943	180	120746	41.88	ng		98
31) Naphthalene	11.137	128	384437	43.95	ng		97
32) Benzoic acid	10.356	122	81974	44.36	ng	#	77
33) 4-Chloroaniline	11.237	127	132549	36.12	ng		96
34) Hexachlorobutadiene	11.407	225	74552	41.19	ng		94
35) Caprolactam	12.013	113	52537m	54.09	ng		
36) 4-Chloro-3-methylphenol	12.336	107	160522	50.61	ng	#	89
37) 2-Methylnaphthalene	12.724	142	277191	45.93	ng		93
38) 1-Methylnaphthalene	12.941	142	259226	44.30	ng		91
40) 1,2,4,5-Tetrachloroben...	13.082	216	140248	39.73	ng		97
41) Hexachlorocyclopentadiene	13.058	237	184448	90.42	ng		92
43) 2,4,6-Trichlorophenol	13.317	196	111059	44.65	ng		94

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44)	2,4,5-Trichlorophenol	13.387	196	121919	46.88	ng		90
46)	1,1'-Biphenyl	13.716	154	356925	40.94	ng		93
47)	2-Chloronaphthalene	13.763	162	279650	41.77	ng		99
48)	2-Nitroaniline	13.957	65	131869	49.52	ng		97
49)	Acenaphthylene	14.604	152	483987	44.12	ng		97
50)	Dimethylphthalate	14.322	163	412445	45.65	ng		100
51)	2,6-Dinitrotoluene	14.451	165	88696	49.01	ng		88
52)	Acenaphthene	14.944	154	345251m	48.98	ng		
53)	3-Nitroaniline	14.780	138	86887	40.59	ng		86
54)	2,4-Dinitrophenol	14.986	184	105707	94.16	ng		88
55)	Dibenzofuran	15.273	168	467543	42.89	ng		97
56)	4-Nitrophenol	15.074	139	169381	98.37	ng	#	83
57)	2,4-Dinitrotoluene	15.232	165	133242	52.24	ng		94
58)	Fluorene	15.926	166	376736	44.99	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.497	232	104759	46.25	ng		93
60)	Diethylphthalate	15.679	149	442793	46.65	ng		97
61)	4-Chlorophenyl-phenyle...	15.908	204	199200	43.48	ng		95
62)	4-Nitroaniline	15.943	138	106155	47.67	ng	#	67
63)	Azobenzene	16.202	77	482012	43.87	ng		83
65)	4,6-Dinitro-2-methylph...	15.990	198	70700	42.24	ng		88
66)	n-Nitrosodiphenylamine	16.120	169	351461	44.39	ng		98
67)	4-Bromophenyl-phenylether	16.801	248	122728	43.71	ng		96
68)	Hexachlorobenzene	16.924	284	126201	45.22	ng		96
69)	Atrazine	17.060	200	149397	47.90	ng		99
70)	Pentachlorophenol	17.265	266	168047	88.46	ng		98
71)	Phenanthrene	17.665	178	658626	44.86	ng		97
72)	Anthracene	17.759	178	679034	46.54	ng		98
73)	Carbazole	18.023	167	635288	43.69	ng		99
74)	Di-n-butylphthalate	18.558	149	789465	46.26	ng	#	97
75)	Fluoranthene	19.662	202	803285	44.51	ng		96
77)	Benzidine	19.833	184	496333	63.06	ng		98
78)	Pyrene	20.027	202	795750	46.19	ng		97
80)	Butylbenzylphthalate	20.890	149	335977	46.10	ng		93
81)	Benzo(a)anthracene	21.901	228	705824	43.93	ng		99
82)	3,3'-Dichlorobenzidine	21.807	252	215555	40.48	ng	#	99
83)	Chrysene	21.972	228	681701	45.10	ng		96
84)	Bis(2-ethylhexyl)phtha...	21.778	149	486921	47.03	ng	#	96
85)	Di-n-octyl phthalate	23.058	149	813171	47.09	ng	#	95
87)	Indeno(1,2,3-cd)pyrene	29.269	276	778011	46.42	ng	#	88
88)	Benzo(b)fluoranthene	24.251	252	725807	49.25	ng	#	94
89)	Benzo(k)fluoranthene	24.322	252	673760	46.48	ng	#	97
90)	Benzo(a)pyrene	25.180	252	693600	55.36	ng	#	94
91)	Dibenzo(a,h)anthracene	29.339	278	657090	47.40	ng	#	91
92)	Benzo(g,h,i)perylene	30.503	276	638817	47.05	ng	#	92

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

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