Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
Data File : BG046034.D
Acq On : 14 Jul 2020 15:46
Operator : CG/JU
Sample : PB130179BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB130179BS

Manual Integrations APPROVED
mohammad
7/15/2020 11:01:29 AM

Quant Time: Jul 14 16:33:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:58:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	123544	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	500221	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	308877	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	676365	20.00	ng		0.00
76) Chrysene-d12	21.63	240	608203	20.00	ng		0.00
86) Perylene-d12	24.78	264	626293	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	763252	100.19	ng		0.00
7) Phenol-d6	7.17	99	1028314	93.75	ng		0.00
23) Nitrobenzene-d5	9.16	82	630919	72.60	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	285702	99.66	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	1178456	59.51	ng		0.00
79) Terphenyl-d14	19.98	244	1650430	60.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	119470	33.991	ng		98
3) Pyridine	3.89	79	354802	33.385	ng		99
4) n-Nitrosodimethylamine	3.80	42	149140	41.501	ng	#	93
6) Aniline	7.32	93	399833	28.496	ng		99
8) 2-Chlorophenol	7.57	128	342359	41.746	ng		100
9) Benzaldehyde	7.14	77	121376	17.466	ng		99
10) Phenol	7.20	94	463582	42.135	ng		99
11) bis(2-Chloroethyl)ether	7.42	93	345557	37.981	ng		99
12) 1,3-Dichlorobenzene	7.89	146	354759	37.530	ng		99
13) 1,4-Dichlorobenzene	8.04	146	355750	38.257	ng		99
14) 1,2-Dichlorobenzene	8.36	146	347616	38.841	ng		99
15) Benzyl Alcohol	8.23	79	329808	38.350	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	451909	38.070	ng		98
17) 2-Methylphenol	8.45	107	307646	37.265	ng		98
18) Hexachloroethane	9.09	117	134847	37.688	ng		93
19) n-Nitroso-di-n-propylamine	8.81	70	293239	38.057	ng		98
20) 3+4-Methylphenols	8.77	107	421652	37.475	ng		100
22) Acetophenone	8.82	105	494873	37.032	ng	#	97
24) Nitrobenzene	9.20	77	413131	43.069	ng		99
25) Isophorone	9.73	82	769833	36.285	ng		99
26) 2-Nitrophenol	9.91	139	163193	52.196	ng		96
27) 2,4-Dimethylphenol	9.97	122	306829	40.630	ng		98
28) bis(2-Chloroethoxy)methane	10.21	93	455600	38.242	ng		98
29) 2,4-Dichlorophenol	10.45	162	309480	39.588	ng		98
30) 1,2,4-Trichlorobenzene	10.67	180	310381	35.833	ng		99
31) Naphthalene	10.85	128	994349	37.081	ng		99
32) Benzoic acid	10.11	122	213272	46.480	ng		94
33) 4-Chloroaniline	10.95	127	228045	19.031	ng		98
34) Hexachlorobutadiene	11.15	225	172370	34.082	ng		97
35) Caprolactam	11.71	113	122463m	41.260	ng		
36) 4-Chloro-3-methylphenol	12.08	107	360816	40.524	ng		100
37) 2-Methylnaphthalene	12.46	142	712454	37.375	ng		99
38) 1-Methylnaphthalene	12.67	142	686082	38.137	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	305404	35.076	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	387947	75.090	ng		95
43) 2,4,6-Trichlorophenol	13.06	196	239256	40.631	ng		99
44) 2,4,5-Trichlorophenol	13.13	196	256505	38.526	ng		98
46) 1,1'-Biphenyl	13.46	154	865522	37.250	ng		99
47) 2-Chloronaphthalene	13.50	162	656467	35.808	ng		99
48) 2-Nitroaniline	13.70	65	248367	48.302	ng		96
49) Acenaphthylene	14.35	152	1100478	37.205	ng		98
50) Dimethylphthalate	14.08	163	869439	37.507	ng		99
51) 2,6-Dinitrotoluene	14.19	165	193395	46.739	ng		96
52) Acenaphthene	14.69	154	764730	40.989	ng		98
53) 3-Nitroaniline	14.52	138	152931	31.176	ng	#	92
54) 2,4-Dinitrophenol	14.72	184	162459	102.854	ng		88
55) Dibenzofuran	15.02	168	1011469	36.984	ng		99
56) 4-Nitrophenol	14.84	139	390304	103.349	ng		97
57) 2,4-Dinitrotoluene	14.98	165	267294	50.052	ng		97
58) Fluorene	15.67	166	841842	37.523	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.25	232	227284m	44.214	ng		
60) Diethylphthalate	15.45	149	920998	37.886	ng		98
61) 4-Chlorophenyl-phenylether	15.66	204	404573	36.247	ng		98
62) 4-Nitroaniline	15.68	138	233609	48.760	ng		93
63) Azobenzene	15.96	77	1020484	39.111	ng		99
65) 4,6-Dinitro-2-methylphenol	15.74	198	123020	52.142	ng		96
66) n-Nitrosodiphenylamine	15.88	169	770784	36.775	ng		99
67) 4-Bromophenyl-phenylether	16.56	248	263202	34.843	ng		97
68) Hexachlorobenzene	16.68	284	273520	36.083	ng		98
69) Atrazine	16.83	200	260155	41.982	ng		97
70) Pentachlorophenol	17.02	266	353217	83.809	ng		99
71) Phenanthrene	17.41	178	1360639	38.052	ng		99
72) Anthracene	17.50	178	1400151	38.584	ng		99
73) Carbazole	17.77	167	1376374	37.840	ng		99
74) Di-n-butylphthalate	18.34	149	1657332	37.706	ng		99
75) Fluoranthene	19.42	202	1631972	39.480	ng		99
77) Benzidine	19.59	184	725044	41.693	ng		99
78) Pyrene	19.78	202	1628569	39.228	ng		100
80) Butylbenzylphthalate	20.68	149	787842	40.157	ng		98
81) Benzo(a)anthracene	21.61	228	1480739	37.026	ng		99
82) 3,3'-Dichlorobenzidine	21.52	252	410165	27.756	ng		98
83) Chrysene	21.67	228	1435802	37.686	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	1082786	38.021	ng		99
85) Di-n-octyl phthalate	22.74	149	1855523	37.546	ng		100
87) Indeno(1,2,3-cd)pyrene	28.35	276	1788886	39.043	ng		98
88) Benzo(b)fluoranthene	23.78	252	1583637	39.832	ng		99
89) Benzo(k)fluoranthene	23.85	252	1481383	39.406	ng		99
90) Benzo(a)pyrene	24.63	252	1441886	38.568	ng		99
91) Dibenzo(a,h)anthracene	28.42	278	1436212	38.864	ng		100
92) Benzo(g,h,i)perylene	29.48	276	1443183	38.807	ng		98

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

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