Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061520\
Data File : BG045768.D
Acq On : 15 Jun 2020 16:55
Operator : CG/JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Manual Integrations APPROVED
mohammad
6/16/2020 11:06:20 AM

Quant Time: Jun 15 17:39:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 14:56:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	59333	20.00	ng		0.00
21) Naphthalene-d8	10.73	136	210577	20.00	ng		0.00
39) Acenaphthene-d10	14.57	164	146224	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	340522	20.00	ng		0.00
76) Chrysene-d12	21.58	240	310101	20.00	ng		0.00
86) Perylene-d12	24.71	264	343907	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	629119	207.22	ng		0.00
7) Phenol-d6	7.17	99	945465	218.80	ng		0.00
23) Nitrobenzene-d5	9.09	82	878221	227.43	ng		0.00
42) 2,4,6-Tribromophenol	16.08	330	438179	234.32	ng		0.00
45) 2-Fluorobiphenyl	13.19	172	1811210	210.10	ng		0.00
79) Terphenyl-d14	19.94	244	2607845	196.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	144924	96.261	ng		99
3) Pyridine	3.77	79	438574m	104.597	ng		
4) n-Nitrosodimethylamine	3.69	42	151907	110.714	ng	#	94
6) Aniline	7.25	93	546401	96.864	ng		97
8) 2-Chlorophenol	7.51	128	333632	100.208	ng		96
10) Phenol	7.20	94	455812	102.348	ng		99
11) bis(2-Chloroethyl)ether	7.35	93	351835	101.283	ng		97
12) 1,3-Dichlorobenzene	7.81	146	395953	98.964	ng		98
13) 1,4-Dichlorobenzene	7.95	146	405997	102.825	ng		98
14) 1,2-Dichlorobenzene	8.28	146	375759	98.946	ng		96
15) Benzyl Alcohol	8.19	79	378206	105.949	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.45	45	322646	97.848	ng		99
17) 2-Methylphenol	8.43	107	342841	102.849	ng		96
18) Hexachloroethane	9.00	117	151809	100.388	ng		96
19) n-Nitroso-di-n-propylamine	8.74	70	311138	104.124	ng		98
20) 3+4-Methylphenols	8.76	107	445275	98.093	ng		94
22) Acetophenone	8.75	105	550125	110.226	ng	#	96
24) Nitrobenzene	9.13	77	468127	113.149	ng		99
25) Isophorone	9.66	82	842778	110.821	ng		99
26) 2-Nitrophenol	9.84	139	205432	116.073	ng		96
27) 2,4-Dimethylphenol	9.94	122	297862	113.472	ng		97
28) bis(2-Chloroethoxy)methane	10.14	93	445767	111.770	ng		99
29) 2,4-Dichlorophenol	10.42	162	359833	116.084	ng		95
30) 1,2,4-Trichlorobenzene	10.59	180	415799	113.519	ng		97
31) Naphthalene	10.78	128	1073968	109.446	ng		98
32) Benzoic acid	10.21	122	227715	144.447	ng		90
33) 4-Chloroaniline	10.91	127	449971	109.702	ng		99
34) Hexachlorobutadiene	11.07	225	300249	115.965	ng		98
35) Caprolactam	11.71	113	118176	103.866	ng		89
36) 4-Chloro-3-methylphenol	12.09	107	410452	117.509	ng		97
37) 2-Methylnaphthalene	12.39	142	804129	109.947	ng		99
38) 1-Methylnaphthalene	12.61	142	751774	108.814	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	467180	114.386	ng		100
41) Hexachlorocyclopentadiene	12.74	237	275584	116.903	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.03	196	323213	113.920	ng		99
44) 2,4,5-Trichlorophenol	13.12	196	368012	113.508	ng		98
46) 1,1'-Biphenyl	13.40	154	980090	109.083	ng		98
47) 2-Chloronaphthalene	13.45	162	792071	108.562	ng		95
48) 2-Nitroaniline	13.67	65	277280	115.535	ng		98
49) Acenaphthylene	14.30	152	1248957	106.573	ng		97
50) Dimethylphthalate	14.04	163	1058955	105.570	ng		99
51) 2,6-Dinitrotoluene	14.16	165	245300	108.374	ng		98
52) Acenaphthene	14.64	154	774722	98.759	ng		98
53) 3-Nitroaniline	14.50	138	252335	109.667	ng		92
54) 2,4-Dinitrophenol	14.70	184	145998	111.076	ng		96
55) Dibenzofuran	14.97	168	1215990	104.382	ng		95
56) 4-Nitrophenol	14.89	139	180905	103.848	ng		92
57) 2,4-Dinitrotoluene	14.95	165	349917	106.744	ng		97
58) Fluorene	15.62	166	1018491	106.419	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	320639	112.411	ng		97
60) Diethylphthalate	15.40	149	1077197	103.175	ng		95
61) 4-Chlorophenyl-phenylether	15.61	204	611980	111.744	ng		98
62) 4-Nitroaniline	15.68	138	260697m	108.530	ng		
63) Azobenzene	15.91	77	1031294	105.935	ng		99
65) 4,6-Dinitro-2-methylphenol	15.72	198	222619	112.253	ng		97
66) n-Nitrosodiphenylamine	15.84	169	895378	109.514	ng		98
67) 4-Bromophenyl-phenylether	16.51	248	426348	115.626	ng		98
68) Hexachlorobenzene	16.64	284	443023	114.874	ng		95
69) Atrazine	16.79	200	334912	99.452	ng		97
70) Pentachlorophenol	16.99	266	230302	115.007	ng		96
71) Phenanthrene	17.36	178	1567178	105.423	ng		95
72) Anthracene	17.46	178	1563167	104.710	ng		96
73) Carbazole	17.74	167	1501776	103.202	ng		96
74) Di-n-butylphthalate	18.29	149	1746181	99.977	ng		97
75) Fluoranthene	19.38	202	1883282	99.601	ng		96
77) Benzidine	19.56	184	656645	75.396	ng		97
78) Pyrene	19.74	202	1867249	105.631	ng		95
80) Butylbenzylphthalate	20.63	149	812008	106.423	ng		97
81) Benzo(a)anthracene	21.56	228	1851166	107.160	ng		94
82) 3,3'-Dichlorobenzidine	21.48	252	703579	103.831	ng		99
83) Chrysene	21.63	228	1775226	106.875	ng		94
84) Bis(2-ethylhexyl)phthalate	21.48	149	1141788	108.862	ng	#	94
85) Di-n-octyl phthalate	22.65	149	1912961	106.193	ng		99
87) Indeno(1,2,3-cd)pyrene	28.28	276	2403026	111.450	ng		98
88) Benzo(b)fluoranthene	23.73	252	1992692	108.039	ng		95
89) Benzo(k)fluoranthene	23.80	252	1939470	111.927	ng		96
90) Benzo(a)pyrene	24.57	252	1910335	111.211	ng		99
91) Dibenzo(a,h)anthracene	28.34	278	1902322	110.205	ng		98
92) Benzo(g,h,i)perylene	29.39	276	1938169	112.267	ng		99

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

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