Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072319\
Data File : BG041758.D
Acq On : 23 Jul 2019 16:33
Operator : HP/JU
Sample : K3934-11MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1SMSD

Manual Integrations APPROVED
mohammad
7/24/2019 11:35:32 AM

Quant Time: Jul 24 04:26:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	99791	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	380461	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	262554	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	582090	20.00	ng		0.00
76) Chrysene-d12	21.65	240	608139	20.00	ng		0.00
87) Perylene-d12	24.84	264	718274	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	719636	117.89	ng		0.00
7) Phenol-d6	7.21	99	974269	118.66	ng		0.00
23) Nitrobenzene-d5	9.20	82	592335	94.68	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	467064	157.85	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	1296451	76.46	ng		0.00
79) Terphenyl-d14	20.00	244	2069401	79.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	79309	27.355	ng		95
3) Pyridine	3.89	79	204033	26.364	ng		96
4) n-Nitrosodimethylamine	3.80	42	113923	31.876	ng		95
6) Aniline	7.36	93	227176	20.587	ng		99
8) 2-Chlorophenol	7.61	128	267727	38.741	ng		95
9) Benzaldehyde	7.18	77	166570	31.074	ng		92
10) Phenol	7.23	94	330019	38.150	ng		97
11) bis(2-Chloroethyl)ether	7.46	93	243576	34.864	ng		98
12) 1,3-Dichlorobenzene	7.93	146	301034	36.507	ng		99
13) 1,4-Dichlorobenzene	8.08	146	303273	36.725	ng		97
14) 1,2-Dichlorobenzene	8.40	146	289980	37.245	ng		97
15) Benzyl Alcohol	8.27	79	232227	35.527	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.57	45	441312	30.484	ng		97
17) 2-Methylphenol	8.48	107	228326	38.166	ng		99
18) Hexachloroethane	9.13	117	109740	36.282	ng		94
19) n-Nitroso-di-n-propylamine	8.85	70	207292	34.542	ng		94
20) 3+4-Methylphenols	8.80	107	314277	38.336	ng		98
22) Acetophenone	8.86	105	390653	42.158	ng	#	94
24) Nitrobenzene	9.24	77	286961	42.048	ng		99
25) Isophorone	9.77	82	536480	39.162	ng	#	99
26) 2-Nitrophenol	9.96	139	156243	49.721	ng		97
27) 2,4-Dimethylphenol	10.01	122	251604	46.420	ng		98
28) bis(2-Chloroethoxy)methane	10.25	93	327665	38.808	ng		99
29) 2,4-Dichlorophenol	10.49	162	290542	47.015	ng		97
30) 1,2,4-Trichlorobenzene	10.71	180	320284	44.141	ng		99
31) Naphthalene	10.90	128	820638	43.812	ng		98
33) 4-Chloroaniline	11.00	127	194653	22.529	ng		97
34) Hexachlorobutadiene	11.19	225	210165	45.065	ng		98
35) Caprolactam	11.76	113	111880m	49.256	ng		
36) 4-Chloro-3-methylphenol	12.12	107	283908	43.854	ng		99
37) 2-Methylnaphthalene	12.50	142	613794	42.891	ng		100
38) 1-Methylnaphthalene	12.72	142	581554	42.627	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	384185	42.718	ng		99
41) Hexachlorocyclopentadiene	12.85	237	362764	71.306	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.10	196	266059	45.530	ng		98
44) 2,4,5-Trichlorophenol	13.17	196	287659	46.722	ng		96
46) 1,1'-Biphenyl	13.50	154	762847	38.782	ng		97
47) 2-Chloronaphthalene	13.55	162	631627	38.529	ng		98
48) 2-Nitroaniline	13.73	65	188231	39.436	ng		91
49) Acenaphthylene	14.39	152	981584	38.355	ng		98
50) Dimethylphthalate	14.12	163	990256	48.022	ng		99
51) 2,6-Dinitrotoluene	14.23	165	191017	43.672	ng		92
52) Acenaphthene	14.73	154	601246	37.281	ng		98
53) 3-Nitroaniline	14.55	138	139249	29.164	ng	#	92
54) 2,4-Dinitrophenol	14.76	184	37269	22.960	ng	#	87
55) Dibenzofuran	15.06	168	976785	40.362	ng		95
56) 4-Nitrophenol	14.86	139	353173	91.362	ng		97
57) 2,4-Dinitrotoluene	15.01	165	267823	46.322	ng		93
58) Fluorene	15.71	166	789745	40.105	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	281986	49.611	ng		94
60) Diethylphthalate	15.48	149	788313	37.948	ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	460196	41.343	ng		97
62) 4-Nitroaniline	15.71	138	202386	39.967	ng		97
63) Azobenzene	15.99	77	665382	35.428	ng		98
65) 4,6-Dinitro-2-methylphenol	15.77	198	106428	39.834	ng		92
66) n-Nitrosodiphenylamine	15.91	169	742926	43.461	ng		98
67) 4-Bromophenyl-phenylether	16.59	248	314284	45.377	ng		99
68) Hexachlorobenzene	16.71	284	319698	45.838	ng		93
69) Atrazine	16.85	200	294882	47.536	ng		98
70) Pentachlorophenol	17.05	266	409349	93.868	ng		99
71) Phenanthrene	17.44	178	1274767	43.486	ng		96
72) Anthracene	17.53	178	1308238	44.772	ng		97
73) Carbazole	17.79	167	1192440	44.002	ng		96
74) Di-n-butylphthalate	18.36	149	1318401	39.888	ng		97
75) Fluoranthene	19.44	202	1553111	43.148	ng		95
77) Benzidine	19.61	184	626386	26.811	ng		98
78) Pyrene	19.80	202	1587205	38.590	ng		95
80) Butylbenzylphthalate	20.68	149	636901	37.264	ng		94
81) Benzo(a)anthracene	21.63	228	1601950	40.770	ng		97
82) 3,3'-Dichlorobenzidine	21.54	252	452222	29.248	ng		98
83) Chrysene	21.69	228	1533180	40.835	ng		97
84) Bis(2-ethylhexyl)phthalate	21.55	149	908957	37.666	ng		97
85) Di-n-octyl phthalate	22.75	149	1570552	38.217	ng	#	94
86) Indeno(1,2,3-cd)pyrene	28.49	276	2072170	41.828	ng	#	90
88) Benzo(b)fluoranthene	23.83	252	1728253	39.667	ng		97
89) Benzo(k)fluoranthene	23.90	252	1710124	42.360	ng		98
90) Benzo(a)pyrene	24.70	252	1739148	42.190	ng	#	97
91) Dibenzo(a,h)anthracene	28.56	278	1684581	42.148	ng	#	96
92) Benzo(g,h,i)perylene	29.63	276	1707639	42.634	ng	#	95

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

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