Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
Data File : BG042958.D
Acq On : 1 Oct 2019 1:57
Operator : JU
Sample : K5054-01MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAT-091019-BMSD

Manual Integrations APPROVED
mohammad
10/2/2019 8:33:25 AM

Quant Time: Oct 01 08:07:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	73207	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	275980	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	199586	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	454694	20.00	ng		0.00
76) Chrysene-d12	21.70	240	496427	20.00	ng		-0.01
87) Perylene-d12	24.93	264	581464	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	530597	129.35	ng		0.00
7) Phenol-d6	7.25	99	757815	128.29	ng		0.00
23) Nitrobenzene-d5	9.24	82	466553	82.17	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	440632	128.39	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1133759	82.35	ng		0.00
79) Terphenyl-d14	20.04	244	2111035	90.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	60153	35.171	ng		98
3) Pyridine	3.95	79	115455	24.001	ng		99
4) n-Nitrosodimethylamine	3.87	42	99410	42.974	ng	#	98
6) Aniline	7.40	93	127978	17.947	ng		97
8) 2-Chlorophenol	7.64	128	199122	46.546	ng		100
9) Benzaldehyde	7.21	77	147125	40.758	ng		92
10) Phenol	7.27	94	270804	49.966	ng		99
11) bis(2-Chloroethyl)ether	7.49	93	172315	41.092	ng		99
12) 1,3-Dichlorobenzene	7.96	146	188054	34.459	ng		97
13) 1,4-Dichlorobenzene	8.11	146	193628	35.592	ng		97
14) 1,2-Dichlorobenzene	8.43	146	181766	35.094	ng		96
15) Benzyl Alcohol	8.31	79	204158	45.968	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.60	45	293739	36.475	ng		98
17) 2-Methylphenol	8.52	107	175775	46.351	ng		96
18) Hexachloroethane	9.16	117	69063	33.708	ng		98
19) n-Nitroso-di-n-propylamine	8.88	70	158430	40.844	ng		98
20) 3+4-Methylphenols	8.85	107	243389m	46.833	ng		
22) Acetophenone	8.90	105	300406	42.228	ng	#	97
24) Nitrobenzene	9.28	77	238133	43.969	ng		100
25) Isophorone	9.80	82	444504	44.568	ng		99
26) 2-Nitrophenol	9.99	139	116842	50.678	ng		98
27) 2,4-Dimethylphenol	10.07	122	198271	55.998	ng		99
28) bis(2-Chloroethoxy)methane	10.28	93	249076	44.017	ng		95
29) 2,4-Dichlorophenol	10.54	162	218385	49.593	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	222084	39.054	ng		95
31) Naphthalene	10.93	128	576536	42.438	ng		100
32) Benzoic acid	10.21	122	133744	48.430	ng		87
33) 4-Chloroaniline	11.03	127	82613	14.014	ng		98
34) Hexachlorobutadiene	11.22	225	158844	37.306	ng		99
35) Caprolactam	11.82	113	68075	43.837	ng	#	87
36) 4-Chloro-3-methylphenol	12.16	107	242964	50.745	ng		94
37) 2-Methylnaphthalene	12.53	142	440623	42.515	ng		95
38) 1-Methylnaphthalene	12.74	142	412026	42.014	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	288823	38.488	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	394622	82.533	ng		98
43) 2,4,6-Trichlorophenol	13.13	196	206152	46.935	ng		94
44) 2,4,5-Trichlorophenol	13.21	196	222057	49.076	ng		96
46) 1,1'-Biphenyl	13.53	154	594536	39.281	ng		98
47) 2-Chloronaphthalene	13.57	162	459691	40.509	ng		98
48) 2-Nitroaniline	13.77	65	174865	46.338	ng		96
49) Acenaphthylene	14.41	152	746867	43.013	ng		99
50) Dimethylphthalate	14.15	163	757172	50.633	ng		99
51) 2,6-Dinitrotoluene	14.26	165	148468	46.620	ng		97
52) Acenaphthene	14.75	154	451016	38.805	ng		99
53) 3-Nitroaniline	14.59	138	66718	20.272	ng	#	99
54) 2,4-Dinitrophenol	14.79	184	204621	103.370	ng		98
55) Dibenzofuran	15.09	168	729680	42.441	ng		97
56) 4-Nitrophenol	14.91	139	251289	100.210	ng		98
57) 2,4-Dinitrotoluene	15.05	165	207132	44.415	ng		99
58) Fluorene	15.73	166	624539	42.548	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	224805	46.663	ng		99
60) Diethylphthalate	15.51	149	639976	42.051	ng		98
61) 4-Chlorophenyl-phenylether	15.73	204	358701	40.746	ng		99
62) 4-Nitroaniline	15.76	138	151900	42.319	ng		96
63) Azobenzene	16.02	77	575276	41.519	ng		99
65) 4,6-Dinitro-2-methylphenol	15.81	198	142121	55.236	ng		96
66) n-Nitrosodiphenylamine	15.94	169	557087	46.411	ng		99
67) 4-Bromophenyl-phenylether	16.62	248	255263	44.729	ng		98
68) Hexachlorobenzene	16.74	284	271454	42.720	ng		98
69) Atrazine	16.89	200	218580	43.244	ng		95
70) Pentachlorophenol	17.09	266	376196	102.603	ng		99
71) Phenanthrene	17.47	178	979412	44.121	ng		97
72) Anthracene	17.57	178	1016114	45.852	ng		99
73) Carbazole	17.84	167	940187	45.750	ng		99
74) Di-n-butylphthalate	18.40	149	1065459	43.455	ng		100
75) Fluoranthene	19.48	202	1296652	44.162	ng		100
77) Benzidine	19.66	184	363604	29.252	ng		99
78) Pyrene	19.84	202	1312874	44.309	ng		98
80) Butylbenzylphthalate	20.73	149	507938	45.163	ng		99
81) Benzo(a)anthracene	21.69	228	1359385	43.948	ng		99
82) 3,3'-Dichlorobenzidine	21.60	252	323940	26.702	ng		100
83) Chrysene	21.75	228	1326864	44.203	ng		99
84) Bis(2-ethylhexyl)phthalate	21.59	149	718803	44.916	ng		96
85) Di-n-octyl phthalate	22.81	149	1210535	46.258	ng		100
86) Indeno(1,2,3-cd)pyrene	28.61	276	1720765	46.048	ng		99
88) Benzo(b)fluoranthene	23.91	252	1471027	44.711	ng		99
89) Benzo(k)fluoranthene	23.98	252	1417965	43.565	ng		99
90) Benzo(a)pyrene	24.78	252	1418897	45.711	ng		99
91) Dibenzo(a,h)anthracene	28.68	278	1449895	45.552	ng		99
92) Benzo(g,h,i)perylene	29.76	276	1427956	46.302	ng	#	97

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

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