Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
Data File : BG042963.D
Acq On : 1 Oct 2019 5:08
Operator : JU
Sample : K4657-03MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MS

Manual Integrations APPROVED
mohammad
10/2/2019 8:33:27 AM

Quant Time: Oct 01 08:15:49 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	71087	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	255481	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	180669	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	440409	20.00	ng		0.00
76) Chrysene-d12	21.71	240	481908	20.00	ng		0.00
87) Perylene-d12	24.93	264	542069	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	544013	136.57	ng		0.00
7) Phenol-d6	7.25	99	771134	134.43	ng		0.00
23) Nitrobenzene-d5	9.23	82	495810	94.33	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	457950	147.41	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1179125	94.61	ng		0.00
79) Terphenyl-d14	20.04	244	2217114	98.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	63585	38.287	ng	#	53
3) Pyridine	3.98	79	98264	21.037	ng		97
4) n-Nitrosodimethylamine	3.87	42	103073	45.887	ng		95
6) Aniline	7.41	93	88664	12.805	ng		96
8) 2-Chlorophenol	7.65	128	199201	47.953	ng		97
9) Benzaldehyde	7.21	77	41330	11.791	ng		93
10) Phenol	7.28	94	266505	50.639	ng		97
11) bis(2-Chloroethyl)ether	7.49	93	180581	44.348	ng		97
12) 1,3-Dichlorobenzene	7.96	146	217710	41.083	ng		97
13) 1,4-Dichlorobenzene	8.11	146	220886	41.813	ng		98
14) 1,2-Dichlorobenzene	8.43	146	212516	42.255	ng		94
15) Benzyl Alcohol	8.31	79	205806	47.721	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	309850	39.623	ng		99
17) 2-Methylphenol	8.52	107	173748	47.183	ng		96
18) Hexachloroethane	9.16	117	81968	41.199	ng		98
19) n-Nitroso-di-n-propylamine	8.88	70	165672	43.985	ng		99
20) 3+4-Methylphenols	8.85	107	241685	47.892	ng		98
22) Acetophenone	8.89	105	303217	46.043	ng	#	99
24) Nitrobenzene	9.27	77	247602	49.386	ng		99
25) Isophorone	9.80	82	452364	48.995	ng		99
26) 2-Nitrophenol	9.99	139	115316	54.030	ng		95
27) 2,4-Dimethylphenol	10.05	122	190060	57.986	ng		99
28) bis(2-Chloroethoxy)methane	10.28	93	244085	46.596	ng		98
29) 2,4-Dichlorophenol	10.53	162	220940	54.199	ng		97
30) 1,2,4-Trichlorobenzene	10.74	180	243341	46.225	ng		98
31) Naphthalene	10.93	128	625410	49.729	ng		99
32) Benzoic acid	10.19	122	124011	48.495	ng		98
33) 4-Chloroaniline	11.04	127	21409	3.923	ng	#	90
34) Hexachlorobutadiene	11.21	225	175088	44.420	ng		96
35) Caprolactam	11.82	113	71286m	49.588	ng		
36) 4-Chloro-3-methylphenol	12.15	107	240061	54.162	ng		94
37) 2-Methylnaphthalene	12.52	142	465293	48.497	ng		95
38) 1-Methylnaphthalene	12.74	142	441979	48.685	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	311066	45.792	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	411486	95.071	ng		96
43) 2,4,6-Trichlorophenol	13.13	196	208516	52.444	ng		95
44) 2,4,5-Trichlorophenol	13.21	196	225159	54.972	ng		98
46) 1,1'-Biphenyl	13.53	154	641033	46.787	ng		99
47) 2-Chloronaphthalene	13.57	162	499024	48.580	ng		97
48) 2-Nitroaniline	13.77	65	171954	50.338	ng		92
49) Acenaphthylene	14.42	152	800247	50.912	ng		99
50) Dimethylphthalate	14.15	163	810488	59.873	ng		99
51) 2,6-Dinitrotoluene	14.26	165	153836	53.364	ng		94
52) Acenaphthene	14.76	154	499820	47.507	ng		98
53) 3-Nitroaniline	14.59	138	69077	23.186	ng	#	99
54) 2,4-Dinitrophenol	14.79	184	207522	115.812	ng		95
55) Dibenzofuran	15.09	168	786645	50.545	ng		98
56) 4-Nitrophenol	14.91	139	256081	112.813	ng		96
57) 2,4-Dinitrotoluene	15.04	165	218159	51.678	ng		97
58) Fluorene	15.74	166	672865	50.640	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	229648	52.659	ng		98
60) Diethylphthalate	15.51	149	674758	48.979	ng		97
61) 4-Chlorophenyl-phenylether	15.73	204	393477	49.377	ng		99
62) 4-Nitroaniline	15.76	138	151426	46.604	ng		94
63) Azobenzene	16.02	77	604582	48.202	ng		99
65) 4,6-Dinitro-2-methylphenol	15.81	198	147304	59.108	ng		100
66) n-Nitrosodiphenylamine	15.94	169	596437	51.301	ng		98
67) 4-Bromophenyl-phenylether	16.62	248	275420	49.827	ng		97
68) Hexachlorobenzene	16.74	284	303055	49.241	ng		100
69) Atrazine	16.89	200	212823	43.471	ng		95
70) Pentachlorophenol	17.08	266	409423	115.287	ng		100
71) Phenanthrene	17.48	178	1077432	50.111	ng		98
72) Anthracene	17.57	178	1089158	50.742	ng		98
73) Carbazole	17.84	167	1021731	51.331	ng		99
74) Di-n-butylphthalate	18.39	149	1166891	49.135	ng		100
75) Fluoranthene	19.48	202	1434642	50.447	ng		100
77) Benzidine	19.66	184	64120	5.314	ng		98
78) Pyrene	19.84	202	1441357	50.111	ng		98
80) Butylbenzylphthalate	20.73	149	557273	51.042	ng		100
81) Benzo(a)anthracene	21.68	228	1491655	49.677	ng		97
82) 3,3'-Dichlorobenzidine	21.60	252	298093	25.311	ng		98
83) Chrysene	21.75	228	1455156	49.938	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	783549	50.437	ng		98
85) Di-n-octyl phthalate	22.81	149	1333057	52.475	ng		99
86) Indeno(1,2,3-cd)pyrene	28.61	276	1900889	52.401	ng	#	96
88) Benzo(b)fluoranthene	23.91	252	1590383	51.852	ng		99
89) Benzo(k)fluoranthene	23.98	252	1598996	52.698	ng		99
90) Benzo(a)pyrene	24.78	252	1549283	53.539	ng		98
91) Dibenzo(a,h)anthracene	28.67	278	1599898	53.917	ng		98
92) Benzo(g,h,i)perylene	29.76	276	1577157	54.856	ng		98

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

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