Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
Data File : BG043961.D
Acq On : 7 Jan 2020 19:32
Operator : JU
Sample : L1039-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 301-305MSD

Manual Integrations APPROVED
mohammad
1/8/2020 4:26:15 PM

Quant Time: Jan 08 02:54:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	172630	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	714468	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	428895	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	770450	20.00	ng		0.00
76) Chrysene-d12	21.59	240	648869	20.00	ng		0.00
87) Perylene-d12	24.73	264	759676	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	675915	71.89	ng		0.00
7) Phenol-d6	7.13	99	925231	70.40	ng		0.00
23) Nitrobenzene-d5	9.12	82	546992	40.96	ng		0.00
42) 2,4,6-Tribromophenol	16.08	330	282775	63.00	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	1142296	48.25	ng		0.00
79) Terphenyl-d14	19.95	244	1349908	42.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	141311	34.471	ng		99
3) Pyridine	3.83	79	376606	31.098	ng		95
4) n-Nitrosodimethylamine	3.74	42	193241	35.840	ng		98
6) Aniline	7.29	93	321014	18.597	ng		99
8) 2-Chlorophenol	7.53	128	460700	41.739	ng		100
9) Benzaldehyde	7.10	77	275737	32.782	ng		98
10) Phenol	7.16	94	578069	42.692	ng		100
11) bis(2-Chloroethyl)ether	7.39	93	447953	38.325	ng		98
12) 1,3-Dichlorobenzene	7.86	146	503494	38.981	ng		99
13) 1,4-Dichlorobenzene	8.00	146	501636	39.362	ng		99
14) 1,2-Dichlorobenzene	8.32	146	479634	39.210	ng		99
15) Benzyl Alcohol	8.20	79	391976	37.791	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	644102	35.619	ng		99
17) 2-Methylphenol	8.41	107	392758	40.082	ng		99
18) Hexachloroethane	9.05	117	192216	38.761	ng		100
19) n-Nitroso-di-n-propylamine	8.77	70	343464	35.093	ng		98
20) 3+4-Methylphenols	8.74	107	543089	39.730	ng		99
22) Acetophenone	8.78	105	636090	35.811	ng	#	98
24) Nitrobenzene	9.16	77	495806	37.482	ng		99
25) Isophorone	9.69	82	925388	36.932	ng		100
26) 2-Nitrophenol	9.88	139	267570	42.755	ng		97
27) 2,4-Dimethylphenol	9.94	122	420270	44.612	ng		98
28) bis(2-Chloroethoxy)methane	10.17	93	577834	34.591	ng		100
29) 2,4-Dichlorophenol	10.42	162	439141	39.080	ng		100
30) 1,2,4-Trichlorobenzene	10.63	180	471972	37.460	ng		98
31) Naphthalene	10.82	128	1347182	38.965	ng		99
32) Benzoic acid	10.09	122	250777	34.686	ng		97
33) 4-Chloroaniline	10.92	127	224970	13.642	ng		98
34) Hexachlorobutadiene	11.11	225	276218	35.906	ng		98
35) Caprolactam	11.69	113	159430m	38.112	ng		
36) 4-Chloro-3-methylphenol	12.05	107	459499	38.412	ng		99
37) 2-Methylnaphthalene	12.42	142	988967	37.994	ng		98
38) 1-Methylnaphthalene	12.64	142	932604	37.803	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	474539	37.749	ng		100

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	295566	45.351	ng		99
43) 2,4,6-Trichlorophenol	13.03	196	343440	39.705	ng		97
44) 2,4,5-Trichlorophenol	13.10	196	361528	40.524	ng		99
46) 1,1'-Biphenyl	13.43	154	1194055	38.830	ng		98
47) 2-Chloronaphthalene	13.47	162	943687	37.977	ng		100
48) 2-Nitroaniline	13.67	65	288231	36.060	ng		98
49) Acenaphthylene	14.32	152	1425485	39.912	ng		99
50) Dimethylphthalate	14.05	163	1172925	38.516	ng		100
51) 2,6-Dinitrotoluene	14.16	165	263389	38.266	ng		99
52) Acenaphthene	14.66	154	962502	38.428	ng		98
53) 3-Nitroaniline	14.49	138	193392	24.742	ng		99
54) 2,4-Dinitrophenol	14.69	184	121597	37.783	ng		98
55) Dibenzofuran	14.99	168	1329213	38.551	ng		98
56) 4-Nitrophenol	14.81	139	490629	81.911	ng		97
57) 2,4-Dinitrotoluene	14.95	165	348435	37.203	ng		98
58) Fluorene	15.65	166	1018532	37.270	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.22	232	288566	37.616	ng		99
60) Diethylphthalate	15.42	149	1100657	36.135	ng		100
61) 4-Chlorophenyl-phenylether	15.63	204	532545	35.887	ng		99
62) 4-Nitroaniline	15.65	138	218011	28.244	ng		96
63) Azobenzene	15.93	77	1047134	37.070	ng		99
65) 4,6-Dinitro-2-methylphenol	15.72	198	92268	25.508	ng		94
66) n-Nitrosodiphenylamine	15.85	169	949839	41.864	ng		99
67) 4-Bromophenyl-phenylether	16.53	248	322096	37.171	ng		99
68) Hexachlorobenzene	16.66	284	342651	36.698	ng		99
69) Atrazine	16.80	200	345615	46.863	ng		96
70) Pentachlorophenol	17.00	266	418376	81.285	ng		100
71) Phenanthrene	17.39	178	1681091	45.491	ng		98
72) Anthracene	17.47	178	1547740	42.379	ng		98
73) Carbazole	17.74	167	1366605	40.509	ng		99
74) Di-n-butylphthalate	18.31	149	1614885	37.492	ng		99
75) Fluoranthene	19.39	202	1677365	39.689	ng		98
77) Benzidine	19.56	184	774928	47.513	ng		97
78) Pyrene	19.75	202	1768401	41.753	ng		98
80) Butylbenzylphthalate	20.65	149	795947	39.473	ng		98
81) Benzo(a)anthracene	21.57	228	1654303	41.117	ng		99
82) 3,3'-Dichlorobenzidine	21.49	252	288947	18.178	ng		100
83) Chrysene	21.64	228	1586553	41.500	ng		100
84) Bis(2-ethylhexyl)phthalate	21.50	149	1144327	41.129	ng		100
85) Di-n-octyl phthalate	22.68	149	1941704	41.512	ng		100
86) Indeno(1,2,3-cd)pyrene	28.27	276	1990174	38.305	ng	#	89
88) Benzo(b)fluoranthene	23.74	252	1748326	38.929	ng		99
89) Benzo(k)fluoranthene	23.80	252	1649018	38.613	ng		99
90) Benzo(a)pyrene	24.58	252	1612092	38.032	ng		98
91) Dibenzo(a,h)anthracene	28.34	278	1658032	38.949	ng		99
92) Benzo(g,h,i)perylene	29.38	276	1512084	35.760	ng		99

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

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