Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045071.D
Acq On : 18 Apr 2020 17:42
Operator : CG/JU
Sample : L2283-04MSD
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PA-5MSD

Manual Integrations APPROVED
mohammad
4/20/2020 2:41:04 PM

Quant Time: Apr 20 03:49:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 11:08:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	57233	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	249230	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	206562	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	496739	20.00	ng	0.00
76) Chrysene-d12	21.67	240	444957	20.00	ng	0.00
87) Perylene-d12	24.85	264	486114	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	514607	148.44	ng	0.00
7) Phenol-d6	7.19	99	815647	158.36	ng	0.00
23) Nitrobenzene-d5	9.18	82	505146	92.48	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	487330	152.71	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1285730	91.27	ng	0.00
79) Terphenyl-d14	20.01	244	2205114	108.01	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	73007	47.387	ng	99
3) Pyridine	3.88	79	208784	44.014	ng	98
4) n-Nitrosodimethylamine	3.79	42	82782	56.967	ng	94
6) Aniline	7.34	93	202499	30.238	ng	99
8) 2-Chlorophenol	7.59	128	254147	68.214	ng	99
9) Benzaldehyde	7.15	77	124847	44.353	ng	96
10) Phenol	7.22	94	353851	68.654	ng	99
11) bis(2-Chloroethyl)ether	7.44	93	230328	56.128	ng	99
12) 1,3-Dichlorobenzene	7.91	146	252144	57.432	ng	97
13) 1,4-Dichlorobenzene	8.06	146	255065	58.305	ng	99
14) 1,2-Dichlorobenzene	8.38	146	243776	58.247	ng	95
15) Benzyl Alcohol	8.26	79	271902	62.964	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	214705	53.301	ng	94
17) 2-Methylphenol	8.47	107	245588	61.757	ng	95
18) Hexachloroethane	9.11	117	93913	57.105	ng	99
19) n-Nitroso-di-n-propylamine	8.83	70	211676	58.112	ng	96
20) 3+4-Methylphenols	8.79	107	343962	61.795	ng	96
22) Acetophenone	8.85	105	386600	57.361	ng	99
24) Nitrobenzene	9.22	77	325954	58.218	ng	96
25) Isophorone	9.75	82	610533	54.582	ng	97
26) 2-Nitrophenol	9.94	139	152817	63.365	ng	98
27) 2,4-Dimethylphenol	10.00	122	251860	65.817	ng	94
28) bis(2-Chloroethoxy)methane	10.23	93	335373	57.064	ng	98
29) 2,4-Dichlorophenol	10.48	162	296470	67.096	ng	95
30) 1,2,4-Trichlorobenzene	10.69	180	288145	57.597	ng	99
31) Naphthalene	10.88	128	798886	58.595	ng	99
32) Benzoic acid	10.17	122	219914	68.066	ng	93
33) 4-Chloroaniline	10.98	127	57321	9.015	ng	97
34) Hexachlorobutadiene	11.18	225	195823	57.091	ng	98
35) Caprolactam	11.77	113	111314m	63.297	ng	
36) 4-Chloro-3-methylphenol	12.11	107	346075	66.672	ng	98
37) 2-Methylnaphthalene	12.49	142	628215	59.363	ng	96
38) 1-Methylnaphthalene	12.71	142	614110m	61.470	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	354219	53.260	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 11:08:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	429946	103.431	ng		98
43) 2,4,6-Trichlorophenol	13.09	196	283016	60.295	ng		98
44) 2,4,5-Trichlorophenol	13.17	196	304274	56.950	ng		98
46) 1,1'-Biphenyl	13.49	154	827616	52.714	ng		99
47) 2-Chloronaphthalene	13.53	162	649764	54.163	ng		99
48) 2-Nitroaniline	13.73	65	222546	56.383	ng		98
49) Acenaphthylene	14.38	152	1080364	55.288	ng		99
50) Dimethylphthalate	14.12	163	1074174	63.866	ng		97
51) 2,6-Dinitrotoluene	14.23	165	213284	56.695	ng		96
52) Acenaphthene	14.72	154	865251m	65.445	ng		
53) 3-Nitroaniline	14.56	138	78040	18.914	ng		98
54) 2,4-Dinitrophenol	14.76	184	298420	133.403	ng		95
55) Dibenzofuran	15.05	168	1071443	55.586	ng		94
56) 4-Nitrophenol	14.87	139	367112	114.753	ng		95
57) 2,4-Dinitrotoluene	15.01	165	305001	55.478	ng		98
58) Fluorene	15.71	166	900287	57.181	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	300701	63.253	ng		99
60) Diethylphthalate	15.48	149	955248	54.474	ng		100
61) 4-Chlorophenyl-phenylether	15.70	204	505290	55.757	ng		98
62) 4-Nitroaniline	15.72	138	217934	50.925	ng		97
63) Azobenzene	15.99	77	918284	56.799	ng		98
65) 4,6-Dinitro-2-methylphenol	15.78	198	209406	64.135	ng		98
66) n-Nitrosodiphenylamine	15.91	169	825228	57.820	ng		100
67) 4-Bromophenyl-phenylether	16.59	248	359538	56.105	ng		97
68) Hexachlorobenzene	16.72	284	379461	57.094	ng		98
69) Atrazine	16.86	200	340124	67.754	ng		98
70) Pentachlorophenol	17.06	266	503466	123.483	ng		98
71) Phenanthrene	17.45	178	1448145	56.732	ng		98
72) Anthracene	17.54	178	1467114	57.297	ng		99
73) Carbazole	17.80	167	1357577	52.246	ng		100
74) Di-n-butylphthalate	18.37	149	1576538	57.411	ng		99
75) Fluoranthene	19.45	202	1746072	60.294	ng		99
77) Benzidine	19.63	184	776748	62.600	ng		98
78) Pyrene	19.81	202	1681036	54.801	ng		100
80) Butylbenzylphthalate	20.70	149	709971	55.836	ng		98
81) Benzo(a)anthracene	21.65	228	1653275	57.327	ng		100
82) 3,3'-Dichlorobenzidine	21.56	252	353586	30.803	ng		99
83) Chrysene	21.72	228	1578884	56.980	ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	978389	55.946	ng		99
85) Di-n-octyl phthalate	22.77	149	1684547	55.704	ng		99
86) Indeno(1,2,3-cd)pyrene	28.49	276	2202481	59.867	ng	#	98
88) Benzo(b)fluoranthene	23.85	252	1822446	59.850	ng		98
89) Benzo(k)fluoranthene	23.92	252	1732159	59.816	ng		99
90) Benzo(a)pyrene	24.71	252	1665786	57.941	ng		98
91) Dibenzo(a,h)anthracene	28.55	278	1767800	61.023	ng		96
92) Benzo(g,h,i)perylene	29.62	276	1792513	61.718	ng		97

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

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