Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045031.D
Acq On : 17 Apr 2020 13:48
Operator : CG/JU
Sample : L2284-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-11-SAMSD

Manual Integrations APPROVED

mohammad

4/20/2020 2:28:02 PM

Quant Time: Apr 17 14:45:37 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	63023	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	279358	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	225863	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	546212	20.00	ng		0.00
76) Chrysene-d12	21.67	240	475260	20.00	ng		0.00
87) Perylene-d12	24.85	264	378696	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	650910	170.51	ng		0.00
7) Phenol-d6	7.19	99	960186	169.29	ng		0.00
23) Nitrobenzene-d5	9.18	82	625713	102.20	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	538325	154.28	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1517300	98.50	ng		0.00
79) Terphenyl-d14	20.01	244	2425340	111.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	71208	41.973	ng	#	59
4) n-Nitrosodimethylamine	3.79	42	87380	54.607	ng		91
8) 2-Chlorophenol	7.59	128	269764	65.753	ng		99
9) Benzaldehyde	7.15	77	98066	27.674	ng		97
10) Phenol	7.21	94	359788	63.393	ng		99
11) bis(2-Chloroethyl)ether	7.44	93	248842	55.069	ng		98
12) 1,3-Dichlorobenzene	7.91	146	239010	49.439	ng		97
13) 1,4-Dichlorobenzene	8.06	146	243190	50.483	ng		98
14) 1,2-Dichlorobenzene	8.38	146	232588	50.469	ng		97
15) Benzyl Alcohol	8.26	79	238240	50.101	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.56	45	239236	53.934	ng		99
17) 2-Methylphenol	8.47	107	260915	59.584	ng		95
18) Hexachloroethane	9.12	117	90548	50.000	ng		97
19) n-Nitroso-di-n-propylamine	8.83	70	241175	60.128	ng		98
20) 3+4-Methylphenols	8.80	107	371618	60.630	ng		99
22) Acetophenone	8.85	105	424968	56.253	ng		99
24) Nitrobenzene	9.22	77	343461	54.729	ng		97
25) Isophorone	9.75	82	699369	55.781	ng		98
26) 2-Nitrophenol	9.94	139	162792	60.221	ng		98
27) 2,4-Dimethylphenol	10.00	122	277990	64.811	ng		95
28) bis(2-Chloroethoxy)methane	10.23	93	372906	56.608	ng		99
29) 2,4-Dichlorophenol	10.48	162	309212	62.432	ng		95
30) 1,2,4-Trichlorobenzene	10.70	180	290704	51.841	ng		97
31) Naphthalene	10.88	128	816118	53.403	ng		99
32) Benzoic acid	10.16	122	236887	65.661	ng		98
33) 4-Chloroaniline	10.99	127	4528	0.635	ng	#	87
34) Hexachlorobutadiene	11.18	225	189847	49.380	ng		100
35) Caprolactam	11.75	113	96019m	48.712	ng		
36) 4-Chloro-3-methylphenol	12.11	107	376019	64.628	ng		99
37) 2-Methylnaphthalene	12.49	142	675602	56.956	ng		95
38) 1-Methylnaphthalene	12.70	142	644057	57.515	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	362306	49.821	ng		99
41) Hexachlorocyclopentadiene	12.85	237	485267	106.764	ng		97
43) 2,4,6-Trichlorophenol	13.09	196	294032	57.289	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.16	196	316790	54.226	ng		97
46) 1,1'-Biphenyl	13.49	154	876413	51.052	ng		99
47) 2-Chloronaphthalene	13.53	162	685128	52.230	ng		99
48) 2-Nitroaniline	13.73	65	196995	45.644	ng		98
49) Acenaphthylene	14.38	152	1123722	52.593	ng		98
50) Dimethylphthalate	14.11	163	1014657	55.172	ng		99
51) 2,6-Dinitrotoluene	14.23	165	227157	55.222	ng		98
52) Acenaphthene	14.72	154	903133m	62.473	ng		
53) 3-Nitroaniline	14.55	138	21275	4.716	ng		96
54) 2,4-Dinitrophenol	14.76	184	308944	126.305	ng		96
55) Dibenzofuran	15.06	168	1121648	53.218	ng		97
56) 4-Nitrophenol	14.87	139	367808	105.146	ng		97
57) 2,4-Dinitrotoluene	15.01	165	324054	53.906	ng		97
58) Fluorene	15.71	166	939639	54.581	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	315285	60.653	ng	#	98
60) Diethylphthalate	15.48	149	1012293	52.794	ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	525108	52.993	ng		98
62) 4-Nitroaniline	15.71	138	98317	21.011	ng		96
63) Azobenzene	15.99	77	901546	50.998	ng		98
65) 4,6-Dinitro-2-methylphenol	15.78	198	217774	60.657	ng		96
66) n-Nitrosodiphenylamine	15.91	169	204669	13.041	ng		98
67) 4-Bromophenyl-phenylether	16.59	248	361796	51.344	ng		96
68) Hexachlorobenzene	16.72	284	392137	53.658	ng		99
69) Atrazine	16.85	200	57413	5.876	ng		98
70) Pentachlorophenol	17.06	266	511440	114.077	ng		99
71) Phenanthrene	17.45	178	1501300	53.487	ng		99
72) Anthracene	17.54	178	1508198	53.567	ng		98
73) Carbazole	17.80	167	564615	19.761	ng		96
74) Di-n-butylphthalate	18.37	149	1668516	54.994	ng		98
75) Fluoranthene	19.45	202	1778630	55.329	ng		98
78) Pyrene	19.81	202	1747332	53.330	ng		99
80) Butylbenzylphthalate	20.70	149	737095	54.273	ng		99
81) Benzo(a)anthracene	21.65	228	1651915	53.627	ng		99
82) 3,3'-Dichlorobenzidine	21.57	252	7413	0.605	ng	#	74
83) Chrysene	21.72	228	1599418	54.041	ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	1024302	54.837	ng		99
85) Di-n-octyl phthalate	22.77	149	1729987	53.559	ng		99
86) Indeno(1,2,3-cd)pyrene	28.48	276	1992888	50.716	ng		99
88) Benzo(b)fluoranthene	23.85	252	1822437	76.827	ng		99
89) Benzo(k)fluoranthene	23.91	252	1656339	73.423	ng		100
90) Benzo(a)pyrene	24.71	252	1473382	65.786	ng		99
91) Dibenzo(a,h)anthracene	28.55	278	1703756	75.495	ng		98
92) Benzo(g,h,i)perylene	29.61	276	1530146	67.629	ng		99

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

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