Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060420\
Data File : BG045610.D
Acq On : 4 Jun 2020 18:19
Operator : CG/JU
Sample : L2871-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMSD

Manual Integrations APPROVED
mohammad
6/5/2020 10:30:07 AM

Quant Time: Jun 04 19:12:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	66063	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	257097	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	174040	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	395564	20.00	ng	0.00
76) Chrysene-d12	21.60	240	371979	20.00	ng	0.00
87) Perylene-d12	24.75	264	403075	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	422240	124.91	ng	0.00
7) Phenol-d6	7.15	99	595314	123.73	ng	0.00
23) Nitrobenzene-d5	9.12	82	382221	81.07	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	271285	121.88	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	846369	82.49	ng	0.00
79) Terphenyl-d14	19.96	244	1387587	87.00	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	73474	43.831	ng	96
3) Pyridine	3.81	79	170176	36.451	ng	95
4) n-Nitrosodimethylamine	3.72	42	77954	51.027	ng	84
6) Aniline	7.28	93	227113	36.160	ng	97
8) 2-Chlorophenol	7.53	128	194315	52.418	ng	96
9) Benzaldehyde	7.08	77	120577	38.465	ng	95
10) Phenol	7.18	94	259480	52.328	ng	98
11) bis(2-Chloroethyl)ether	7.37	93	181855	47.018	ng	95
12) 1,3-Dichlorobenzene	7.84	146	211466	47.469	ng	96
13) 1,4-Dichlorobenzene	7.99	146	211422	48.091	ng	93
14) 1,2-Dichlorobenzene	8.31	146	199293	47.133	ng	96
15) Benzyl Alcohol	8.20	79	200663	50.486	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.48	45	163953	44.656	ng	97
17) 2-Methylphenol	8.42	107	172432	46.458	ng	97
18) Hexachloroethane	9.03	117	81245	48.252	ng	97
19) n-Nitroso-di-n-propylamine	8.76	70	160230	48.159	ng	98
20) 3+4-Methylphenols	8.75	107	232792	46.059	ng	96
22) Acetophenone	8.77	105	288013	47.266	ng	97
24) Nitrobenzene	9.16	77	241737	47.857	ng	98
25) Isophorone	9.68	82	438711	47.250	ng	99
26) 2-Nitrophenol	9.87	139	109836	50.830	ng	94
27) 2,4-Dimethylphenol	9.95	122	176578	55.097	ng	100
28) bis(2-Chloroethoxy)methane	10.16	93	242681	49.839	ng	95
29) 2,4-Dichlorophenol	10.42	162	196183	51.838	ng	98
30) 1,2,4-Trichlorobenzene	10.63	180	217514	48.639	ng	98
31) Naphthalene	10.81	128	573496	47.869	ng	99
32) Benzoic acid	10.12	122	90663	42.932	ng	95
33) 4-Chloroaniline	10.92	127	147644	29.482	ng	97
34) Hexachlorobutadiene	11.10	225	150636	47.653	ng	97
35) Caprolactam	11.69	113	67497m	48.589	ng	
36) 4-Chloro-3-methylphenol	12.07	107	218310	51.191	ng	92
37) 2-Methylnaphthalene	12.42	142	433283	48.522	ng	95
38) 1-Methylnaphthalene	12.63	142	410388	48.652	ng	93
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	248289	51.076	ng	99

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Quant Time: Jun 04 19:12:36 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	292603	104.285	ng		100
43) 2,4,6-Trichlorophenol	13.03	196	171031	50.647	ng		97
44) 2,4,5-Trichlorophenol	13.12	196	182817	47.375	ng		97
46) 1,1'-Biphenyl	13.43	154	551687	51.589	ng		98
47) 2-Chloronaphthalene	13.47	162	415918	47.895	ng		99
48) 2-Nitroaniline	13.67	65	134336	47.028	ng		89
49) Acenaphthylene	14.32	152	689161	49.407	ng		99
50) Dimethylphthalate	14.06	163	705903	59.126	ng		98
51) 2,6-Dinitrotoluene	14.17	165	127116	47.184	ng		99
52) Acenaphthene	14.66	154	492379m	52.735	ng		
53) 3-Nitroaniline	14.50	138	84821	30.972	ng		98
54) 2,4-Dinitrophenol	14.71	184	128324	73.211	ng		99
55) Dibenzofuran	15.00	168	661069	47.678	ng		96
56) 4-Nitrophenol	14.85	139	191976	92.590	ng		91
57) 2,4-Dinitrotoluene	14.96	165	180948	46.377	ng		99
58) Fluorene	15.65	166	542172	47.596	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.23	232	168193	49.542	ng		99
60) Diethylphthalate	15.42	149	570616	45.919	ng		98
61) 4-Chlorophenyl-phenylether	15.64	204	302010	46.332	ng		99
62) 4-Nitroaniline	15.67	138	125107	43.759	ng		97
63) Azobenzene	15.93	77	546356	47.152	ng		99
65) 4,6-Dinitro-2-methylphenol	15.73	198	112280	48.738	ng		95
66) n-Nitrosodiphenylamine	15.85	169	484657	51.030	ng		95
67) 4-Bromophenyl-phenylether	16.53	248	209458	48.901	ng		96
68) Hexachlorobenzene	16.66	284	228681	51.045	ng		97
69) Atrazine	16.81	200	184889	47.263	ng		98
70) Pentachlorophenol	17.00	266	236994	101.881	ng		97
71) Phenanthrene	17.39	178	860384	49.824	ng		99
72) Anthracene	17.48	178	883664	50.956	ng		98
73) Carbazole	17.75	167	809477	47.887	ng		99
74) Di-n-butylphthalate	18.31	149	972165	47.916	ng		100
75) Fluoranthene	19.40	202	1065511	48.510	ng		99
77) Benzidine	19.58	184	500010	47.861	ng		99
78) Pyrene	19.76	202	1059954	49.988	ng		99
80) Butylbenzylphthalate	20.65	149	432157	47.217	ng		97
81) Benzo(a)anthracene	21.59	228	1024449	49.438	ng		99
82) 3,3'-Dichlorobenzidine	21.50	252	274400	33.758	ng		99
83) Chrysene	21.65	228	961195	48.241	ng		99
84) Bis(2-ethylhexyl)phthalate	21.50	149	603318	47.954	ng		99
85) Di-n-octyl phthalate	22.69	149	1008741	46.682	ng		100
86) Indeno(1,2,3-cd)pyrene	28.34	276	1268337	48.679	ng	#	98
88) Benzo(b)fluoranthene	23.76	252	1065130	49.272	ng		99
89) Benzo(k)fluoranthene	23.82	252	1042237	51.318	ng		98
90) Benzo(a)pyrene	24.61	252	985337	48.942	ng		99
91) Dibenzo(a,h)anthracene	28.38	278	1040225	51.416	ng		100
92) Benzo(g,h,i)perylene	29.45	276	1062291	52.500	ng		98

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

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