Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
Data File : BG045592.D
Acq On : 3 Jun 2020 22:22
Operator : CG/JU
Sample : L2837-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SPMSD

Manual Integrations APPROVED
mohammad
6/4/2020 12:11:33 PM

Quant Time: Jun 04 04:01:30 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	7.96	152	62276	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	249559	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	174028	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	366123	20.00	ng		0.00
76) Chrysene-d12	21.61	240	348568	20.00	ng		0.00
87) Perylene-d12	24.76	264	392017	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	422973	132.73	ng		0.00
7) Phenol-d6	7.15	99	624519	137.70	ng		0.00
23) Nitrobenzene-d5	9.11	82	408707	89.31	ng		0.00
42) 2,4,6-Tribromophenol	16.10	330	297328	133.59	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	940106	91.63	ng		0.00
79) Terphenyl-d14	19.96	244	1396817	93.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	63900	40.438	ng		98
3) Pyridine	3.80	79	147324	33.475	ng		95
4) n-Nitrosodimethylamine	3.71	42	67454	46.839	ng		87
6) Aniline	7.28	93	162691	27.478	ng		99
8) 2-Chlorophenol	7.53	128	182983	52.363	ng		95
9) Benzaldehyde	7.09	77	116475	39.416	ng		99
10) Phenol	7.18	94	248647	53.193	ng		97
11) bis(2-Chloroethyl)ether	7.37	93	169296	46.432	ng		98
12) 1,3-Dichlorobenzene	7.84	146	196157	46.710	ng		97
13) 1,4-Dichlorobenzene	7.99	146	198676	47.940	ng		97
14) 1,2-Dichlorobenzene	8.31	146	189080	47.436	ng		97
15) Benzyl Alcohol	8.20	79	185550	49.523	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	159447	46.070	ng		97
17) 2-Methylphenol	8.42	107	164693	47.071	ng		97
18) Hexachloroethane	9.04	117	76709	48.329	ng		92
19) n-Nitroso-di-n-propylamine	8.76	70	151131	48.187	ng		97
20) 3+4-Methylphenols	8.75	107	223682	46.948	ng		93
22) Acetophenone	8.78	105	275355	46.553	ng	#	98
24) Nitrobenzene	9.16	77	228871	46.678	ng		98
25) Isophorone	9.68	82	414011	45.936	ng		98
26) 2-Nitrophenol	9.87	139	103972	49.570	ng		93
27) 2,4-Dimethylphenol	9.95	122	171620	55.167	ng		97
28) bis(2-Chloroethoxy)methane	10.16	93	230927	48.857	ng		95
29) 2,4-Dichlorophenol	10.42	162	189435	51.567	ng		95
30) 1,2,4-Trichlorobenzene	10.63	180	209800	48.331	ng		99
31) Naphthalene	10.81	128	559393	48.102	ng		99
32) Benzoic acid	10.13	122	113142	52.332	ng		93
33) 4-Chloroaniline	10.92	127	100095	20.591	ng		98
34) Hexachlorobutadiene	11.10	225	146209	47.649	ng		96
35) Caprolactam	11.69	113	65970m	48.925	ng		
36) 4-Chloro-3-methylphenol	12.07	107	212067	51.230	ng		98
37) 2-Methylnaphthalene	12.42	142	425770	49.121	ng		97
38) 1-Methylnaphthalene	12.64	142	400265	48.886	ng		93
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	247052	50.825	ng		98

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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	268244	95.610	ng		95
43) 2,4,6-Trichlorophenol	13.04	196	170606	50.525	ng		96
44) 2,4,5-Trichlorophenol	13.12	196	176175	45.657	ng		98
46) 1,1'-Biphenyl	13.43	154	539906	50.490	ng		99
47) 2-Chloronaphthalene	13.47	162	417288	48.056	ng		99
48) 2-Nitroaniline	13.68	65	137707	48.211	ng		97
49) Acenaphthylene	14.32	152	688434	49.359	ng		99
50) Dimethylphthalate	14.05	163	683773	57.276	ng		98
51) 2,6-Dinitrotoluene	14.17	165	124360	46.164	ng		100
52) Acenaphthene	14.66	154	501551m	53.721	ng		
53) 3-Nitroaniline	14.51	138	68084	24.862	ng		95
54) 2,4-Dinitrophenol	14.71	184	145360	82.211	ng		97
55) Dibenzofuran	15.00	168	655981	47.314	ng		96
56) 4-Nitrophenol	14.85	139	202057	97.459	ng		93
57) 2,4-Dinitrotoluene	14.96	165	179054	45.895	ng		100
58) Fluorene	15.65	166	534526	46.928	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.23	232	169615	49.964	ng		98
60) Diethylphthalate	15.42	149	561720	45.206	ng		98
61) 4-Chlorophenyl-phenylether	15.64	204	296267	45.454	ng		98
62) 4-Nitroaniline	15.67	138	117742	41.186	ng		98
63) Azobenzene	15.93	77	548616	47.351	ng		98
65) 4,6-Dinitro-2-methylphenol	15.73	198	108621	50.941	ng		94
66) n-Nitrosodiphenylamine	15.86	169	475036	54.039	ng		98
67) 4-Bromophenyl-phenylether	16.54	248	199136	50.230	ng		96
68) Hexachlorobenzene	16.66	284	211165	50.925	ng	#	92
69) Atrazine	16.81	200	178012	49.164	ng		99
70) Pentachlorophenol	17.01	266	237883	110.486	ng		97
71) Phenanthrene	17.39	178	796546	49.836	ng		99
72) Anthracene	17.48	178	822343	51.233	ng		97
73) Carbazole	17.75	167	738351	47.192	ng		99
74) Di-n-butylphthalate	18.31	149	857578	45.667	ng		99
75) Fluoranthene	19.40	202	924459	45.473	ng		99
77) Benzidine	19.58	184	402762	41.141	ng		98
78) Pyrene	19.76	202	941367	47.377	ng		100
80) Butylbenzylphthalate	20.65	149	379852	44.290	ng		97
81) Benzo(a)anthracene	21.59	228	955570	49.212	ng		100
82) 3,3'-Dichlorobenzidine	21.51	252	120969	15.882	ng		98
83) Chrysene	21.65	228	914976	49.006	ng		99
84) Bis(2-ethylhexyl)phthalate	21.50	149	548998	46.567	ng		99
85) Di-n-octyl phthalate	22.69	149	953097	47.070	ng		99
86) Indeno(1,2,3-cd)pyrene	28.33	276	1223559	50.114	ng		99
88) Benzo(b)fluoranthene	23.76	252	1029603	48.972	ng		99
89) Benzo(k)fluoranthene	23.83	252	980241m	49.627	ng		
90) Benzo(a)pyrene	24.61	252	933663	47.683	ng		99
91) Dibenzo(a,h)anthracene	28.40	278	998413	50.741	ng		99
92) Benzo(g,h,i)perylene	29.46	276	1020858	51.876	ng		98

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

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