Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052120\
Data File : BG045446.D
Acq On : 21 May 2020 19:01
Operator : CG/JU
Sample : L2506-17MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-04-052020MSD

Manual Integrations APPROVED
mohammad
5/22/2020 2:56:25 PM

Quant Time: May 21 19:48:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 20 14:43:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	65570	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	267578	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	203236	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	490377	20.00	ng	0.00
76) Chrysene-d12	21.62	240	464256	20.00	ng	0.00
87) Perylene-d12	24.77	264	510826	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	484643	144.45	ng	0.00
7) Phenol-d6	7.19	99	646231	135.32	ng	0.00
23) Nitrobenzene-d5	9.12	82	497088	101.30	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	419143	161.26	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1201591	100.28	ng	0.00
79) Terphenyl-d14	19.97	244	2119742	106.49	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	65651	39.459	ng	# 64
3) Pyridine	3.82	79	147947	31.928	ng	98
4) n-Nitrosodimethylamine	3.72	42	69976	46.149	ng	94
6) Aniline	7.29	93	257926	41.375	ng	97
8) 2-Chlorophenol	7.55	128	196632	53.442	ng	97
9) Benzaldehyde	7.10	77	135802	43.648	ng	95
10) Phenol	7.21	94	223607	45.433	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	186463	48.571	ng	95
12) 1,3-Dichlorobenzene	7.85	146	200624	45.374	ng	97
13) 1,4-Dichlorobenzene	8.00	146	201498	46.178	ng	96
14) 1,2-Dichlorobenzene	8.32	146	193803	46.179	ng	98
15) Benzyl Alcohol	8.21	79	212726	53.924	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.49	45	167503	45.966	ng	99
17) 2-Methylphenol	8.45	107	177089	48.072	ng	98
18) Hexachloroethane	9.05	117	76867	45.995	ng	94
19) n-Nitroso-di-n-propylamine	8.77	70	174305	52.784	ng	96
20) 3+4-Methylphenols	8.78	107	233216m	46.490	ng	
22) Acetophenone	8.78	105	323087	50.945	ng	# 93
24) Nitrobenzene	9.16	77	255282	48.559	ng	96
25) Isophorone	9.69	82	497309	51.463	ng	98
26) 2-Nitrophenol	9.88	139	114701	51.003	ng	94
27) 2,4-Dimethylphenol	9.97	122	196671	58.962	ng	96
28) bis(2-Chloroethoxy)methane	10.17	93	267659	52.815	ng	98
29) 2,4-Dichlorophenol	10.45	162	215211	54.638	ng	97
30) 1,2,4-Trichlorobenzene	10.63	180	229905	49.396	ng	97
31) Naphthalene	10.82	128	624546	50.088	ng	99
32) Benzoic acid	10.16	122	120345	51.995	ng	96
33) 4-Chloroaniline	10.94	127	159407	30.584	ng	95
34) Hexachlorobutadiene	11.11	225	151617	46.084	ng	99
35) Caprolactam	11.70	113	65241m	45.126	ng	
36) 4-Chloro-3-methylphenol	12.10	107	252757	56.947	ng	93
37) 2-Methylnaphthalene	12.43	142	491370	52.872	ng	97
38) 1-Methylnaphthalene	12.65	142	469996m	53.537	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	281943	49.667	ng	99

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Quant Time: May 21 19:48:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 20 14:43:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	359008	109.571	ng		99
43) 2,4,6-Trichlorophenol	13.06	196	203915	51.711	ng		97
44) 2,4,5-Trichlorophenol	13.15	196	220612	48.957	ng		97
46) 1,1'-Biphenyl	13.44	154	648950	51.966	ng		99
47) 2-Chloronaphthalene	13.48	162	491941	48.512	ng		98
48) 2-Nitroaniline	13.69	65	164714	49.379	ng	#	84
49) Acenaphthylene	14.33	152	844329	51.836	ng		99
50) Dimethylphthalate	14.06	163	714205	51.227	ng		98
51) 2,6-Dinitrotoluene	14.18	165	164325	52.233	ng		96
52) Acenaphthene	14.67	154	496920	45.576	ng		98
53) 3-Nitroaniline	14.52	138	123084	38.487	ng	#	95
54) 2,4-Dinitrophenol	14.72	184	212080	101.347	ng		97
55) Dibenzofuran	15.01	168	819722	50.627	ng		97
56) 4-Nitrophenol	14.89	139	226908	93.716	ng		93
57) 2,4-Dinitrotoluene	14.97	165	238916	52.437	ng		99
58) Fluorene	15.66	166	690483	51.908	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.25	232	206310	52.039	ng		96
60) Diethylphthalate	15.43	149	739743	50.978	ng		99
61) 4-Chlorophenyl-phenylether	15.65	204	384555	50.520	ng		99
62) 4-Nitroaniline	15.69	138	173852	52.073	ng		89
63) Azobenzene	15.94	77	689897	50.987	ng		98
65) 4,6-Dinitro-2-methylphenol	15.74	198	152360	53.348	ng		93
66) n-Nitrosodiphenylamine	15.87	169	619413	52.609	ng		95
67) 4-Bromophenyl-phenylether	16.54	248	271092	51.053	ng		96
68) Hexachlorobenzene	16.67	284	293427	52.834	ng		97
69) Atrazine	16.82	200	238654	49.212	ng		98
70) Pentachlorophenol	17.02	266	322120	111.702	ng		97
71) Phenanthrene	17.40	178	1118011	52.225	ng		100
72) Anthracene	17.49	178	1145097	53.265	ng		98
73) Carbazole	17.76	167	1054144	50.304	ng		100
74) Di-n-butylphthalate	18.32	149	1266753	50.364	ng		99
75) Fluoranthene	19.41	202	1404894	51.595	ng		99
77) Benzidine	19.59	184	118707	9.104	ng		99
78) Pyrene	19.77	202	1398380	52.840	ng		99
80) Butylbenzylphthalate	20.65	149	571113	49.997	ng		100
81) Benzo(a)anthracene	21.59	228	1346722	52.073	ng		100
82) 3,3'-Dichlorobenzidine	21.51	252	463414	45.680	ng		99
83) Chrysene	21.66	228	1279456	51.451	ng		98
84) Bis(2-ethylhexyl)phthalate	21.51	149	783984	49.928	ng		99
85) Di-n-octyl phthalate	22.70	149	1342704	49.787	ng		99
86) Indeno(1,2,3-cd)pyrene	28.34	276	1702986	52.370	ng		98
88) Benzo(b)fluoranthene	23.77	252	1443091	52.675	ng		98
89) Benzo(k)fluoranthene	23.84	252	1389963	54.004	ng		99
90) Benzo(a)pyrene	24.62	252	1321493	51.793	ng		97
91) Dibenzo(a,h)anthracene	28.41	278	1384847	54.011	ng		100
92) Benzo(g,h,i)perylene	29.47	276	1421258	55.425	ng		99

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

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