Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061620\
Data File : BG045778.D
Acq On : 16 Jun 2020 18:41
Operator : CG/JU
Sample : L2808-05MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

Manual Integrations APPROVED
mohammad
6/18/2020 11:51:36 AM

Quant Time: Jun 17 02:59:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 18:34:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	55568	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	210590	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	151159	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	361058	20.00	ng	0.00
76) Chrysene-d12	21.58	240	356635	20.00	ng	0.00
86) Perylene-d12	24.70	264	391747	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	383732	116.65	ng	0.00
7) Phenol-d6	7.17	99	470109	93.95	ng	0.00
23) Nitrobenzene-d5	9.08	82	395518	85.80	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	290154	127.14	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	875645	85.13	ng	0.00
79) Terphenyl-d14	19.94	244	1558373	88.56	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	57939	38.456	ng	# 54
3) Pyridine	3.78	79	137198	30.730	ng	98
4) n-Nitrosodimethylamine	3.68	42	65113	43.449	ng	# 94
6) Aniline	7.25	93	115779	19.651	ng	98
8) 2-Chlorophenol	7.51	128	157089	44.614	ng	95
9) Benzaldehyde	7.05	77	81211	27.022	ng	97
10) Phenol	7.19	94	174579	36.009	ng	95
11) bis(2-Chloroethyl)ether	7.34	93	149599	40.624	ng	96
12) 1,3-Dichlorobenzene	7.81	146	177871	42.390	ng	98
13) 1,4-Dichlorobenzene	7.95	146	177367	42.318	ng	99
14) 1,2-Dichlorobenzene	8.28	146	165165	41.163	ng	97
15) Benzyl Alcohol	8.18	79	158138	40.840	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	140136	40.377	ng	92
17) 2-Methylphenol	8.42	107	134154	37.182	ng	96
18) Hexachloroethane	9.00	117	68575	43.079	ng	96
19) n-Nitroso-di-n-propylamine	8.73	70	138332	42.051	ng	97
20) 3+4-Methylphenols	8.76	107	178346	37.585	ng	97
22) Acetophenone	8.75	105	249501	43.166	ng	99
24) Nitrobenzene	9.13	77	208202	42.360	ng	99
25) Isophorone	9.65	82	368274	41.267	ng	98
26) 2-Nitrophenol	9.84	139	91307	44.590	ng	95
27) 2,4-Dimethylphenol	9.94	122	136860	43.777	ng	95
28) bis(2-Chloroethoxy)methane	10.13	93	204552	43.881	ng	99
29) 2,4-Dichlorophenol	10.41	162	160065	43.883	ng	97
30) 1,2,4-Trichlorobenzene	10.59	180	182315	42.221	ng	96
31) Naphthalene	10.78	128	490396	42.594	ng	99
32) Benzoic acid	10.14	122	78503	40.454	ng	91
33) 4-Chloroaniline	10.91	127	30628	6.353	ng	94
34) Hexachlorobutadiene	11.07	225	131605	42.855	ng	96
35) Caprolactam	11.67	113	39128m	33.150	ng	
36) 4-Chloro-3-methylphenol	12.08	107	184138	43.723	ng	95
37) 2-Methylnaphthalene	12.39	142	369135	43.057	ng	99
38) 1-Methylnaphthalene	12.61	142	352774	43.482	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	209571	42.105	ng	99

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Quant Time: Jun 17 02:59:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 18:34:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	209387	76.564	ng		98
43) 2,4,6-Trichlorophenol	13.02	196	149265	44.232	ng		97
44) 2,4,5-Trichlorophenol	13.12	196	153183	39.828	ng		99
46) 1,1'-Biphenyl	13.40	154	469581	43.391	ng		100
47) 2-Chloronaphthalene	13.44	162	364641	41.712	ng		96
48) 2-Nitroaniline	13.66	65	122287	42.054	ng		98
49) Acenaphthylene	14.29	152	586087	41.856	ng		99
50) Dimethylphthalate	14.03	163	592658	50.048	ng		99
51) 2,6-Dinitrotoluene	14.14	165	115936	43.590	ng		94
52) Acenaphthene	14.63	154	357619	42.135	ng		98
53) 3-Nitroaniline	14.49	138	41185	15.503	ng	#	86
54) 2,4-Dinitrophenol	14.70	184	130607	87.271	ng		98
55) Dibenzofuran	14.97	168	587095	42.580	ng		98
56) 4-Nitrophenol	14.88	139	127203	67.485	ng		95
57) 2,4-Dinitrotoluene	14.94	165	159324	41.809	ng		98
58) Fluorene	15.62	166	492993	42.999	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	150439	45.066	ng		99
60) Diethylphthalate	15.39	149	517696	42.765	ng		98
61) 4-Chlorophenyl-phenylether	15.61	204	277013	41.921	ng		99
62) 4-Nitroaniline	15.66	138	95943	35.189	ng		94
63) Azobenzene	15.91	77	501524	43.147	ng		98
65) 4,6-Dinitro-2-methylphenol	15.71	198	104016	46.616	ng		98
66) n-Nitrosodiphenylamine	15.83	169	436151	42.648	ng		99
67) 4-Bromophenyl-phenylether	16.51	248	187176	39.897	ng		97
68) Hexachlorobenzene	16.63	284	207552	42.664	ng		95
69) Atrazine	16.79	200	167223	42.139	ng		98
70) Pentachlorophenol	16.99	266	214447	88.487	ng		95
71) Phenanthrene	17.36	178	782531	42.024	ng		98
72) Anthracene	17.45	178	799614	43.122	ng		100
73) Carbazole	17.73	167	742942	42.078	ng		100
74) Di-n-butylphthalate	18.29	149	886117	42.387	ng		99
75) Fluoranthene	19.37	202	999622	43.656	ng		99
77) Benzidine	19.56	184	207027	22.330	ng		98
78) Pyrene	19.74	202	1002080	41.960	ng		99
80) Butylbenzylphthalate	20.62	149	419060	41.922	ng		97
81) Benzo(a)anthracene	21.56	228	974177	42.132	ng		99
82) 3,3'-Dichlorobenzidine	21.48	252	138927	15.885	ng	#	96
83) Chrysene	21.62	228	953700	42.644	ng		98
84) Bis(2-ethylhexyl)phthalate	21.47	149	587003	42.217	ng		96
85) Di-n-octyl phthalate	22.64	149	979721	40.849	ng		100
87) Indeno(1,2,3-cd)pyrene	28.25	276	1223951	43.097	ng	#	99
88) Benzo(b)fluoranthene	23.71	252	1060021	43.156	ng		97
89) Benzo(k)fluoranthene	23.78	252	997568	42.435	ng		97
90) Benzo(a)pyrene	24.56	252	953881	41.573	ng		99
91) Dibenzo(a,h)anthracene	28.31	278	991893	43.553	ng		99
92) Benzo(g,h,i)perylene	29.36	276	1000986	43.913	ng		99

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

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