Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
Data File : BG044994.D
Acq On : 15 Apr 2020 22:56
Operator : CG/JU
Sample : L2123-09MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-04-041420MSD

Manual Integrations APPROVED
mohammad
4/16/2020 12:55:02 PM

Quant Time: Apr 16 05:23:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 17:57:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	71750	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	311153	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	245815	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	613552	20.00	ng	0.00
76) Chrysene-d12	21.67	240	571295	20.00	ng	0.00
87) Perylene-d12	24.85	264	642289	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	635302	146.18	ng	0.00
7) Phenol-d6	7.19	99	857182	132.75	ng	0.00
23) Nitrobenzene-d5	9.18	82	662881	97.21	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	582032	153.27	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1568850	93.58	ng	0.00
79) Terphenyl-d14	20.02	244	2749249	104.89	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	84971	43.994	ng	# 38
3) Pyridine	3.89	79	209788	35.277	ng	99
4) n-Nitrosodimethylamine	3.80	42	92458	50.753	ng	99
6) Aniline	7.34	93	259050	30.856	ng	99
8) 2-Chlorophenol	7.59	128	272376	58.315	ng	98
9) Benzaldehyde	7.15	77	136858	36.686	ng	99
10) Phenol	7.21	94	315602	48.844	ng	97
11) bis(2-Chloroethyl)ether	7.43	93	261070	50.748	ng	92
12) 1,3-Dichlorobenzene	7.92	146	213191	38.735	ng	100
13) 1,4-Dichlorobenzene	8.06	146	219725	40.065	ng	98
14) 1,2-Dichlorobenzene	8.38	146	210777	40.173	ng	95
15) Benzyl Alcohol	8.26	79	293144	54.149	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.56	45	237531	47.036	ng	96
17) 2-Methylphenol	8.47	107	250348	50.217	ng	95
18) Hexachloroethane	9.11	117	76368	37.041	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	238434	52.214	ng	100
20) 3+4-Methylphenols	8.79	107	350875	50.283	ng	97
22) Acetophenone	8.84	105	436976	51.932	ng	98
24) Nitrobenzene	9.22	77	346097	49.513	ng	98
25) Isophorone	9.75	82	699911	50.120	ng	98
26) 2-Nitrophenol	9.94	139	161074	53.497	ng	98
27) 2,4-Dimethylphenol	10.00	122	268388	56.178	ng	97
28) bis(2-Chloroethoxy)methane	10.23	93	386266	52.644	ng	97
29) 2,4-Dichlorophenol	10.48	162	310345	56.258	ng	98
30) 1,2,4-Trichlorobenzene	10.70	180	276116	44.208	ng	93
31) Naphthalene	10.88	128	805540	47.325	ng	98
32) Benzoic acid	10.14	122	161531	42.670	ng	98
33) 4-Chloroaniline	10.98	127	37233	4.690	ng	94
34) Hexachlorobutadiene	11.18	225	169923	39.681	ng	96
35) Caprolactam	11.75	113	96526m	43.965	ng	
36) 4-Chloro-3-methylphenol	12.11	107	373148	57.581	ng	100
37) 2-Methylnaphthalene	12.49	142	663189	50.197	ng	97
38) 1-Methylnaphthalene	12.70	142	649988	52.113	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	365754	46.213	ng	99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
Data File : BG044994.D
Acq On : 15 Apr 2020 22:56
Operator : CG/JU
Sample : L2123-09MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-04-041420MSD

Manual Integrations APPROVED
mohammad
4/16/2020 12:55:02 PM

Quant Time: Apr 16 05:23:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 17:57:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	399505	80.761	ng		96
43) 2,4,6-Trichlorophenol	13.09	196	290304	51.972	ng		96
44) 2,4,5-Trichlorophenol	13.17	196	313265	49.270	ng		99
46) 1,1'-Biphenyl	13.49	154	886425	47.444	ng		99
47) 2-Chloronaphthalene	13.53	162	687641	48.167	ng		99
48) 2-Nitroaniline	13.73	65	245663	52.301	ng		98
49) Acenaphthylene	14.38	152	1158025	49.799	ng		98
50) Dimethylphthalate	14.11	163	1044910	52.205	ng		98
51) 2,6-Dinitrotoluene	14.23	165	241207	53.879	ng		98
52) Acenaphthene	14.73	154	885795m	56.300	ng		
53) 3-Nitroaniline	14.55	138	78431	15.973	ng		99
54) 2,4-Dinitrophenol	14.76	184	273219	102.634	ng		96
55) Dibenzofuran	15.06	168	1163339	50.716	ng		98
56) 4-Nitrophenol	14.87	139	347299	91.224	ng		98
57) 2,4-Dinitrotoluene	15.01	165	343843	52.556	ng	#	98
58) Fluorene	15.71	166	971247	51.838	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	317399	56.104	ng		99
60) Diethylphthalate	15.48	149	1076518	51.587	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	540772	50.144	ng		97
62) 4-Nitroaniline	15.72	138	245316	48.170	ng		99
63) Azobenzene	15.99	77	1014691	52.740	ng		98
65) 4,6-Dinitro-2-methylphenol	15.78	198	218331	54.137	ng		97
66) n-Nitrosodiphenylamine	15.91	169	902461	51.193	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	389682	49.231	ng		98
68) Hexachlorobenzene	16.72	284	415002	50.554	ng		99
69) Atrazine	16.86	200	388539	62.261	ng		97
70) Pentachlorophenol	17.06	266	522623	103.778	ng		97
71) Phenanthrene	17.44	178	1624848	51.535	ng		98
72) Anthracene	17.54	178	1658380	52.436	ng		97
73) Carbazole	17.80	167	1556045	48.483	ng		99
74) Di-n-butylphthalate	18.37	149	1825234	53.373	ng		99
75) Fluoranthene	19.45	202	1995495	55.253	ng		98
77) Benzidine	19.62	184	505225	28.326	ng		98
78) Pyrene	19.81	202	1971922	50.067	ng		98
80) Butylbenzylphthalate	20.71	149	839619	51.429	ng		99
81) Benzo(a)anthracene	21.65	228	1909674	51.574	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	340831	23.126	ng		96
83) Chrysene	21.72	228	1838333	51.672	ng		97
84) Bis(2-ethylhexyl)phthalate	21.57	149	1162165	51.759	ng		99
85) Di-n-octyl phthalate	22.78	149	1984195	51.102	ng		99
86) Indeno(1,2,3-cd)pyrene	28.48	276	2539578	53.764	ng		99
88) Benzo(b)fluoranthene	23.85	252	2093412	52.033	ng		100
89) Benzo(k)fluoranthene	23.92	252	2009490	52.520	ng		99
90) Benzo(a)pyrene	24.71	252	1926042	50.704	ng		99
91) Dibenzo(a,h)anthracene	28.56	278	2049239	53.538	ng		97
92) Benzo(g,h,i)perylene	29.61	276	2069788	53.937	ng		100

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
Data File : BG044994.D
Acq On : 15 Apr 2020 22:56
Operator : CG/JU
Sample : L2123-09MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 16 05:23:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 17:57:00 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MSD

Manual Integrations APPROVED
mohammad
4/16/2020 12:55:02 PM