Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
Data File : BG046138.D
Acq On : 1 Aug 2020 00:53
Operator : CG/JU
Sample : PB130658BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB130658BS

Manual Integrations APPROVED
mohammad
8/3/2020 12:22:25 PM

Quant Time: Aug 01 03:04:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 18:43:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	86255	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	333560	20.00	ng		0.00
39) Acenaphthene-d10	14.58	164	211671	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	506684	20.00	ng		0.00
76) Chrysene-d12	21.57	240	593150	20.00	ng		0.00
86) Perylene-d12	24.67	264	638582	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	698920	140.86	ng		0.00
7) Phenol-d6	7.13	99	892825	132.03	ng		0.00
23) Nitrobenzene-d5	9.11	82	593025	96.26	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	455258	140.03	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	1354397	92.95	ng		0.00
79) Terphenyl-d14	19.93	244	2233879	76.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	54936	24.325	ng		97
3) Pyridine	3.84	79	129043	20.756	ng		97
4) n-Nitrosodimethylamine	3.75	42	85342	32.253	ng		91
6) Aniline	7.28	93	232367	28.867	ng		99
8) 2-Chlorophenol	7.52	128	184357	33.616	ng		99
9) Benzaldehyde	7.09	77	132039	32.905	ng		91
10) Phenol	7.15	94	230944	33.990	ng		99
11) bis(2-Chloroethyl)ether	7.37	93	173854	32.169	ng		98
12) 1,3-Dichlorobenzene	7.84	146	201091	30.251	ng		97
13) 1,4-Dichlorobenzene	7.99	146	200841	30.088	ng		100
14) 1,2-Dichlorobenzene	8.31	146	199417	31.677	ng		99
15) Benzyl Alcohol	8.19	79	160313	34.316	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	296993	33.519	ng		99
17) 2-Methylphenol	8.40	107	161930	35.302	ng		98
18) Hexachloroethane	9.04	117	71360	31.965	ng		96
19) n-Nitroso-di-n-propylamine	8.75	70	142557	32.392	ng		95
20) 3+4-Methylphenols	8.72	107	220939	35.191	ng		96
22) Acetophenone	8.77	105	268933	31.416	ng	#	99
24) Nitrobenzene	9.15	77	199297	30.342	ng		99
25) Isophorone	9.68	82	383652	31.296	ng		99
26) 2-Nitrophenol	9.86	139	98468	33.077	ng		99
27) 2,4-Dimethylphenol	9.92	122	174502	36.030	ng		98
28) bis(2-Chloroethoxy)methane	10.16	93	234306	35.151	ng		99
29) 2,4-Dichlorophenol	10.40	162	190779	33.486	ng		99
30) 1,2,4-Trichlorobenzene	10.62	180	201667	30.216	ng		96
31) Naphthalene	10.80	128	545702	30.919	ng		99
32) Benzoic acid	10.05	122	88871	29.476	ng		99
33) 4-Chloroaniline	10.90	127	187586	26.010	ng		98
34) Hexachlorobutadiene	11.10	225	129872	29.231	ng		100
35) Caprolactam	11.66	113	69624m	37.337	ng		
36) 4-Chloro-3-methylphenol	12.03	107	195424	34.953	ng		99
37) 2-Methylnaphthalene	12.41	142	429201	31.604	ng		99
38) 1-Methylnaphthalene	12.63	142	406868	31.660	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	235039	30.818	ng	#	99

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Quant Time: Aug 01 03:04:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 18:43:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	329983	75.433	ng		98
43) 2,4,6-Trichlorophenol	13.01	196	163297	33.561	ng		94
44) 2,4,5-Trichlorophenol	13.08	196	179999	33.905	ng		97
46) 1,1'-Biphenyl	13.41	154	545713	32.865	ng		97
47) 2-Chloronaphthalene	13.45	162	420622	31.757	ng		98
48) 2-Nitroaniline	13.65	65	128534	37.022	ng		96
49) Acenaphthylene	14.30	152	688528	33.477	ng		98
50) Dimethylphthalate	14.04	163	561251	34.547	ng		98
51) 2,6-Dinitrotoluene	14.15	165	125222	33.119	ng		96
52) Acenaphthene	14.65	154	469425	34.583	ng		99
53) 3-Nitroaniline	14.47	138	103891	27.716	ng		100
54) 2,4-Dinitrophenol	14.68	184	110177	48.998	ng	#	86
55) Dibenzofuran	14.98	168	665433	32.488	ng		99
56) 4-Nitrophenol	14.79	139	243122	74.706	ng		92
57) 2,4-Dinitrotoluene	14.93	165	178409	34.319	ng		98
58) Fluorene	15.63	166	550732	33.202	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.21	232	179387	35.873	ng		98
60) Diethylphthalate	15.40	149	560271	35.057	ng		99
61) 4-Chlorophenyl-phenylether	15.62	204	290783	33.565	ng		99
62) 4-Nitroaniline	15.64	138	139862	37.100	ng		97
63) Azobenzene	15.92	77	514004	34.318	ng		99
65) 4,6-Dinitro-2-methylphenol	15.70	198	101331	30.239	ng		98
66) n-Nitrosodiphenylamine	15.83	169	499932	32.596	ng		98
67) 4-Bromophenyl-phenylether	16.52	248	202719	32.385	ng		97
68) Hexachlorobenzene	16.63	284	227559	32.420	ng		99
69) Atrazine	16.78	200	184808	31.292	ng		98
70) Pentachlorophenol	16.97	266	313387	68.812	ng		99
71) Phenanthrene	17.36	178	926092	33.366	ng		98
72) Anthracene	17.46	178	949457	34.391	ng		99
73) Carbazole	17.72	167	916004	34.409	ng		100
74) Di-n-butylphthalate	18.30	149	1036629	37.254	ng		100
75) Fluoranthene	19.37	202	1233902	35.609	ng		98
77) Benzidine	19.55	184	750974	44.697	ng		99
78) Pyrene	19.73	202	1251629	31.405	ng		99
80) Butylbenzylphthalate	20.63	149	523905	36.289	ng		99
81) Benzo(a)anthracene	21.55	228	1297877	32.697	ng		99
82) 3,3'-Dichlorobenzidine	21.47	252	381315	23.133	ng		100
83) Chrysene	21.62	228	1257510	32.340	ng		99
84) Bis(2-ethylhexyl)phthalate	21.48	149	752103	36.439	ng		98
85) Di-n-octyl phthalate	22.66	149	1279912	36.624	ng		98
87) Indeno(1,2,3-cd)pyrene	28.20	276	1650306	33.886	ng		99
88) Benzo(b)fluoranthene	23.70	252	1414690	33.059	ng		99
89) Benzo(k)fluoranthene	23.77	252	1365416	32.531	ng		98
90) Benzo(a)pyrene	24.53	252	1304478	32.760	ng		99
91) Dibenzo(a,h)anthracene	28.26	278	1342284	32.969	ng		99
92) Benzo(g,h,i)perylene	29.29	276	1386193	33.713	ng		99

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

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