Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
Data File : BG046038.D
Acq On : 14 Jul 2020 18:27
Operator : CG/JU
Sample : PB130200BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB130200BS

Manual Integrations APPROVED
mohammad
7/15/2020 11:01:36 AM

Quant Time: Jul 14 19:06:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:58:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	126827	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	514521	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	312382	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	675171	20.00	ng		0.00
76) Chrysene-d12	21.63	240	613798	20.00	ng		0.00
86) Perylene-d12	24.78	264	634716	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	886234	113.32	ng		0.00
7) Phenol-d6	7.17	99	1195137	106.14	ng		0.00
23) Nitrobenzene-d5	9.16	82	743243	83.14	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	324158	111.81	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	1344479	67.13	ng		0.00
79) Terphenyl-d14	19.98	244	1833839	66.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	147055	40.756	ng		98
3) Pyridine	3.89	79	424583	38.917	ng		99
4) n-Nitrosodimethylamine	3.80	42	185011	50.150	ng	#	96
6) Aniline	7.32	93	483222	33.548	ng		100
8) 2-Chlorophenol	7.57	128	396852	47.138	ng		97
9) Benzaldehyde	7.14	77	143174	20.070	ng		96
10) Phenol	7.20	94	534156	47.292	ng		99
11) bis(2-Chloroethyl)ether	7.42	93	396656	42.469	ng		99
12) 1,3-Dichlorobenzene	7.89	146	413561	42.618	ng		100
13) 1,4-Dichlorobenzene	8.04	146	413674	43.335	ng		99
14) 1,2-Dichlorobenzene	8.36	146	402939	43.857	ng		98
15) Benzyl Alcohol	8.24	79	383242	43.409	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	525806	43.148	ng		98
17) 2-Methylphenol	8.45	107	356609	42.077	ng		99
18) Hexachloroethane	9.09	117	160221	43.621	ng		96
19) n-Nitroso-di-n-propylamine	8.81	70	335656	42.434	ng		98
20) 3+4-Methylphenols	8.77	107	487020	42.164	ng		99
22) Acetophenone	8.82	105	566713	41.229	ng	#	98
24) Nitrobenzene	9.20	77	481429	48.795	ng		100
25) Isophorone	9.73	82	882114	40.422	ng		98
26) 2-Nitrophenol	9.91	139	190944	59.375	ng		97
27) 2,4-Dimethylphenol	9.98	122	348189	44.826	ng		100
28) bis(2-Chloroethoxy)methane	10.21	93	517103	42.198	ng		99
29) 2,4-Dichlorophenol	10.45	162	354486	44.085	ng		97
30) 1,2,4-Trichlorobenzene	10.67	180	359415	40.341	ng		99
31) Naphthalene	10.85	128	1135281	41.159	ng		100
32) Benzoic acid	10.12	122	241239	50.465	ng		89
33) 4-Chloroaniline	10.95	127	268214	21.761	ng		98
34) Hexachlorobutadiene	11.15	225	199086	38.270	ng		96
35) Caprolactam	11.72	113	138998m	45.529	ng		
36) 4-Chloro-3-methylphenol	12.08	107	416677	45.497	ng		98
37) 2-Methylnaphthalene	12.46	142	814859	41.559	ng		100
38) 1-Methylnaphthalene	12.67	142	777790	42.033	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	349470	39.686	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	448053	85.751 ng		97
43) 2,4,6-Trichlorophenol	13.06	196	267617	44.937 ng		98
44) 2,4,5-Trichlorophenol	13.13	196	286422	42.537 ng		98
46) 1,1'-Biphenyl	13.46	154	974432	41.466 ng		100
47) 2-Chloronaphthalene	13.50	162	752816	40.603 ng		100
48) 2-Nitroaniline	13.70	65	289592	55.172 ng		97
49) Acenaphthylene	14.35	152	1232717	41.208 ng		99
50) Dimethylphthalate	14.08	163	966268	41.217 ng		100
51) 2,6-Dinitrotoluene	14.19	165	220400	52.248 ng		98
52) Acenaphthene	14.69	154	872474	46.239 ng		97
53) 3-Nitroaniline	14.52	138	175359	34.948 ng	#	85
54) 2,4-Dinitrophenol	14.73	184	195039	120.952 ng	#	86
55) Dibenzofuran	15.02	168	1132516	40.945 ng		100
56) 4-Nitrophenol	14.84	139	437033	114.424 ng		98
57) 2,4-Dinitrotoluene	14.98	165	304501	55.878 ng	#	94
58) Fluorene	15.67	166	946797	41.727 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.25	232	256881m	49.411 ng		
60) Diethylphthalate	15.45	149	1006197	40.926 ng		99
61) 4-Chlorophenyl-phenylether	15.66	204	442784	39.225 ng		99
62) 4-Nitroaniline	15.69	138	261243	53.917 ng		92
63) Azobenzene	15.96	77	1148819	43.536 ng		99
65) 4,6-Dinitro-2-methylphenol	15.75	198	145577	60.552 ng		94
66) n-Nitrosodiphenylamine	15.88	169	870455	41.604 ng		99
67) 4-Bromophenyl-phenylether	16.56	248	289598	38.405 ng		97
68) Hexachlorobenzene	16.68	284	305889	40.424 ng		97
69) Atrazine	16.83	200	289570	46.811 ng		98
70) Pentachlorophenol	17.02	266	398786	94.788 ng		99
71) Phenanthrene	17.41	178	1489305	41.724 ng		98
72) Anthracene	17.50	178	1535435	42.387 ng		99
73) Carbazole	17.77	167	1521201	41.896 ng		99
74) Di-n-butylphthalate	18.34	149	1798534	40.991 ng		99
75) Fluoranthene	19.42	202	1818929	44.081 ng		98
77) Benzidine	19.59	184	814161	46.391 ng		99
78) Pyrene	19.78	202	1790609	42.737 ng		99
80) Butylbenzylphthalate	20.68	149	881926	44.543 ng		99
81) Benzo(a)anthracene	21.60	228	1669281	41.361 ng		99
82) 3,3'-Dichlorobenzidine	21.52	252	476386	31.943 ng		98
83) Chrysene	21.67	228	1618994	42.107 ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	1211770	42.163 ng		100
85) Di-n-octyl phthalate	22.74	149	2076786	41.640 ng		100
87) Indeno(1,2,3-cd)pyrene	28.35	276	2034599	43.817 ng	#	92
88) Benzo(b)fluoranthene	23.78	252	1778193	44.132 ng		98
89) Benzo(k)fluoranthene	23.85	252	1695030	44.490 ng		99
90) Benzo(a)pyrene	24.64	252	1639338	43.268 ng		99
91) Dibenzo(a,h)anthracene	28.42	278	1640884	43.813 ng		99
92) Benzo(g,h,i)perylene	29.47	276	1647104	43.702 ng		100

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

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