Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
Data File : BG045694.D
Acq On : 10 Jun 2020 16:33
Operator : CG/JU
Sample : PB129457BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB129457BS

Manual Integrations APPROVED
mohammad
6/11/2020 1:47:58 PM

Quant Time: Jun 10 18:26:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	46777	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	196136	20.00	ng		-0.01
39) Acenaphthene-d10	14.59	164	150729	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	370440	20.00	ng		0.00
76) Chrysene-d12	21.60	240	349890	20.00	ng		0.00
87) Perylene-d12	24.74	264	387556	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	331151	138.35	ng		0.00
7) Phenol-d6	7.14	99	478849	140.56	ng		-0.01
23) Nitrobenzene-d5	9.10	82	309496	86.05	ng		-0.01
42) 2,4,6-Tribromophenol	16.08	330	254200	131.87	ng		-0.01
45) 2-Fluorobiphenyl	13.21	172	749218	84.31	ng		0.00
79) Terphenyl-d14	19.95	244	1384688	92.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	40498	34.120	ng		92
3) Pyridine	3.80	79	112767	34.113	ng		95
4) n-Nitrosodimethylamine	3.71	42	48537	44.870	ng	#	93
6) Aniline	7.27	93	180690	40.630	ng		99
8) 2-Chlorophenol	7.52	128	123642	47.105	ng		99
9) Benzaldehyde	7.08	77	91749	41.336	ng		93
10) Phenol	7.16	94	170437	48.542	ng		98
11) bis(2-Chloroethyl)ether	7.36	93	114649	41.863	ng		98
12) 1,3-Dichlorobenzene	7.83	146	131958	41.834	ng		99
13) 1,4-Dichlorobenzene	7.98	146	131283	42.174	ng		96
14) 1,2-Dichlorobenzene	8.30	146	124697	41.650	ng		96
15) Benzyl Alcohol	8.19	79	133970	47.604	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.47	45	110746	42.601	ng		96
17) 2-Methylphenol	8.41	107	118298	45.014	ng		98
18) Hexachloroethane	9.03	117	50897	42.691	ng		98
19) n-Nitroso-di-n-propylamine	8.75	70	110946	47.095	ng		97
20) 3+4-Methylphenols	8.74	107	157676	44.060	ng		94
22) Acetophenone	8.77	105	197766	42.543	ng	#	96
24) Nitrobenzene	9.14	77	169385	43.956	ng		95
25) Isophorone	9.67	82	313154	44.210	ng		97
26) 2-Nitrophenol	9.86	139	71477	43.359	ng		95
27) 2,4-Dimethylphenol	9.94	122	120084	49.115	ng		96
28) bis(2-Chloroethoxy)methane	10.16	93	167826	45.178	ng		99
29) 2,4-Dichlorophenol	10.41	162	137701	47.694	ng		97
30) 1,2,4-Trichlorobenzene	10.62	180	146479	42.935	ng		98
31) Naphthalene	10.80	128	396330	43.363	ng		99
32) Benzoic acid	10.10	122	49869	33.750	ng		94
33) 4-Chloroaniline	10.91	127	131269	34.359	ng		98
34) Hexachlorobutadiene	11.09	225	101627	42.141	ng		98
35) Caprolactam	11.68	113	50546	47.696	ng	#	80
36) 4-Chloro-3-methylphenol	12.06	107	164312	50.505	ng		99
37) 2-Methylnaphthalene	12.41	142	313230	45.980	ng		97
38) 1-Methylnaphthalene	12.63	142	303008m	47.087	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	177561	42.175	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	211716	87.126 ng	96
43) 2,4,6-Trichlorophenol	13.03	196	124534	42.582 ng	99
44) 2,4,5-Trichlorophenol	13.12	196	133370	39.907 ng	97
46) 1,1'-Biphenyl	13.42	154	405477	43.780 ng	99
47) 2-Chloronaphthalene	13.46	162	317620	42.232 ng	99
48) 2-Nitroaniline	13.67	65	108398	43.816 ng	94
49) Acenaphthylene	14.31	152	527839	43.694 ng	99
50) Dimethylphthalate	14.04	163	459431	44.433 ng	99
51) 2,6-Dinitrotoluene	14.16	165	104060	44.600 ng	96
52) Acenaphthene	14.65	154	314200	38.856 ng	98
53) 3-Nitroaniline	14.50	138	79994	33.727 ng	94
54) 2,4-Dinitrophenol	14.71	184	117574	77.136 ng	96
55) Dibenzofuran	14.99	168	524547	43.682 ng	97
56) 4-Nitrophenol	14.84	139	134523	74.915 ng	87
57) 2,4-Dinitrotoluene	14.96	165	148380	43.911 ng	94
58) Fluorene	15.64	166	446018	45.210 ng	95
59) 2,3,4,6-Tetrachlorophenol	15.22	232	125913	42.824 ng	98
60) Diethylphthalate	15.41	149	473335	43.982 ng	99
61) 4-Chlorophenyl-phenylether	15.63	204	246979	43.749 ng	98
62) 4-Nitroaniline	15.67	138	103786	41.916 ng	97
63) Azobenzene	15.92	77	453381	45.180 ng	98
65) 4,6-Dinitro-2-methylphenol	15.72	198	92914	43.067 ng	95
66) n-Nitrosodiphenylamine	15.85	169	394421	44.346 ng	96
67) 4-Bromophenyl-phenylether	16.53	248	172959	43.118 ng	97
68) Hexachlorobenzene	16.65	284	187533	44.699 ng	97
69) Atrazine	16.80	200	155164	42.355 ng	99
70) Pentachlorophenol	17.00	266	165610	76.022 ng	96
71) Phenanthrene	17.38	178	721699	44.627 ng	100
72) Anthracene	17.47	178	737128	45.389 ng	99
73) Carbazole	17.74	167	672411	42.476 ng	99
74) Di-n-butylphthalate	18.30	149	821511	43.237 ng	99
75) Fluoranthene	19.40	202	918566	44.657 ng	98
77) Benzidine	19.57	184	565865	57.584 ng	100
78) Pyrene	19.75	202	898995	45.073 ng	99
80) Butylbenzylphthalate	20.64	149	362788	42.141 ng	97
81) Benzo(a)anthracene	21.58	228	865989	44.430 ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	272611	35.656 ng	97
83) Chrysene	21.65	228	842696	44.964 ng	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	510342	43.124 ng	98
85) Di-n-octyl phthalate	22.67	149	869192	42.764 ng	100
86) Indeno(1,2,3-cd)pyrene	28.30	276	1095762	44.711 ng	98
88) Benzo(b)fluoranthene	23.75	252	939306	45.191 ng	99
89) Benzo(k)fluoranthene	23.81	252	923489	47.292 ng	98
90) Benzo(a)pyrene	24.59	252	861876	44.524 ng	98
91) Dibenzo(a,h)anthracene	28.36	278	889615	45.732 ng	98
92) Benzo(g,h,i)perylene	29.42	276	887902	45.639 ng	99

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

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