Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052820\
Data File : BG045511.D
Acq On : 29 May 2020 3:45
Operator : CG/JU
Sample : PB129114BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Manual Integrations APPROVED
mohammad
5/29/2020 10:27:13 PM

Quant Time: May 29 06:42:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 13:15:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	71710	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	294755	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	213303	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	481265	20.00	ng		0.00
76) Chrysene-d12	21.61	240	433006	20.00	ng		0.00
87) Perylene-d12	24.75	264	482103	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	576888	157.22	ng		0.00
7) Phenol-d6	7.17	99	821089	157.22	ng		0.00
23) Nitrobenzene-d5	9.12	82	530881	98.22	ng		0.00
42) 2,4,6-Tribromophenol	16.10	330	400682	146.88	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	1237231	98.39	ng		0.00
79) Terphenyl-d14	19.97	244	1909484	102.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	63772	35.047	ng		98
3) Pyridine	3.80	79	156818	30.945	ng		95
4) n-Nitrosodimethylamine	3.72	42	77014	46.442	ng	#	92
6) Aniline	7.28	93	304525	44.667	ng		98
8) 2-Chlorophenol	7.54	128	213324	53.014	ng		95
9) Benzaldehyde	7.09	77	138381	40.669	ng		95
10) Phenol	7.19	94	283243	52.622	ng		99
11) bis(2-Chloroethyl)ether	7.38	93	191770	45.677	ng		96
12) 1,3-Dichlorobenzene	7.85	146	225469	46.627	ng		99
13) 1,4-Dichlorobenzene	7.99	146	227743	47.724	ng		96
14) 1,2-Dichlorobenzene	8.31	146	214276	46.685	ng		98
15) Benzyl Alcohol	8.21	79	215124	49.863	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	181587	45.565	ng		98
17) 2-Methylphenol	8.43	107	192541	47.791	ng		97
18) Hexachloroethane	9.04	117	85479	46.769	ng		95
19) n-Nitroso-di-n-propylamine	8.76	70	177061	49.027	ng		98
20) 3+4-Methylphenols	8.76	107	260714	47.522	ng	#	80
22) Acetophenone	8.78	105	325461	46.588	ng	#	97
24) Nitrobenzene	9.16	77	271398	46.865	ng		97
25) Isophorone	9.69	82	497384	46.725	ng		98
26) 2-Nitrophenol	9.87	139	125364	50.604	ng		92
27) 2,4-Dimethylphenol	9.96	122	203117	55.280	ng		98
28) bis(2-Chloroethoxy)methane	10.17	93	269170	48.216	ng		96
29) 2,4-Dichlorophenol	10.43	162	230231	53.062	ng		98
30) 1,2,4-Trichlorobenzene	10.63	180	250371	48.834	ng		99
31) Naphthalene	10.81	128	668141	48.644	ng		99
32) Benzoic acid	10.15	122	133637	52.333	ng		93
33) 4-Chloroaniline	10.92	127	233167	40.611	ng		96
34) Hexachlorobutadiene	11.11	225	168624	46.528	ng		98
35) Caprolactam	11.69	113	78632m	49.373	ng		
36) 4-Chloro-3-methylphenol	12.08	107	258498	52.871	ng		97
37) 2-Methylnaphthalene	12.42	142	514139	50.221	ng		98
38) 1-Methylnaphthalene	12.65	142	485973	50.253	ng		94
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	297447	49.925	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 13:15:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	285232	82.946 ng		98
43) 2,4,6-Trichlorophenol	13.05	196	206635	49.927 ng		99
44) 2,4,5-Trichlorophenol	13.13	196	217748	46.041 ng		98
46) 1,1'-Biphenyl	13.43	154	656805	50.113 ng		99
47) 2-Chloronaphthalene	13.47	162	505604	47.506 ng		99
48) 2-Nitroaniline	13.68	65	163671	46.751 ng		95
49) Acenaphthylene	14.32	152	841360	49.216 ng		99
50) Dimethylphthalate	14.06	163	681159	46.551 ng		98
51) 2,6-Dinitrotoluene	14.17	165	155771	47.177 ng		96
52) Acenaphthene	14.67	154	615777m	53.811 ng		
53) 3-Nitroaniline	14.51	138	126121	37.576 ng		98
54) 2,4-Dinitrophenol	14.72	184	172727	79.868 ng		92
55) Dibenzofuran	15.00	168	816277	48.035 ng		97
56) 4-Nitrophenol	14.87	139	232315	91.421 ng		95
57) 2,4-Dinitrotoluene	14.97	165	222500	46.530 ng	#	95
58) Fluorene	15.65	166	665333	47.657 ng		97
59) 2,3,4,6-Tetrachlorophenol	15.24	232	198448	47.694 ng		98
60) Diethylphthalate	15.42	149	698136	45.840 ng		98
61) 4-Chlorophenyl-phenylether	15.64	204	373389	46.738 ng		98
62) 4-Nitroaniline	15.68	138	149166	42.570 ng		98
63) Azobenzene	15.94	77	671038	47.253 ng		98
65) 4,6-Dinitro-2-methylphenol	15.74	198	133685	47.696 ng		95
66) n-Nitrosodiphenylamine	15.86	169	596619	51.632 ng		97
67) 4-Bromophenyl-phenylether	16.53	248	262977	50.463 ng		94
68) Hexachlorobenzene	16.66	284	279504	51.279 ng		99
69) Atrazine	16.81	200	223318	46.921 ng		98
70) Pentachlorophenol	17.01	266	284978	100.693 ng		97
71) Phenanthrene	17.39	178	1048748	49.917 ng		98
72) Anthracene	17.48	178	1067261	50.584 ng		98
73) Carbazole	17.76	167	959649	46.661 ng		99
74) Di-n-butylphthalate	18.31	149	1144893	46.381 ng		98
75) Fluoranthene	19.40	202	1259676	47.138 ng		99
77) Benzidine	19.58	184	799125	65.711 ng		99
78) Pyrene	19.77	202	1243082	50.362 ng		99
80) Butylbenzylphthalate	20.65	149	507343	47.620 ng		100
81) Benzo(a)anthracene	21.59	228	1210186	50.171 ng		97
82) 3,3'-Dichlorobenzidine	21.50	252	416013	43.967 ng		97
83) Chrysene	21.65	228	1152638	49.696 ng		99
84) Bis(2-ethylhexyl)phthalate	21.50	149	709659	48.456 ng		98
85) Di-n-octyl phthalate	22.69	149	1216245	48.353 ng		99
86) Indeno(1,2,3-cd)pyrene	28.33	276	1528478	50.395 ng	#	95
88) Benzo(b)fluoranthene	23.76	252	1312480	50.762 ng		99
89) Benzo(k)fluoranthene	23.83	252	1225708	50.459 ng		99
90) Benzo(a)pyrene	24.61	252	1194465	49.604 ng	#	98
91) Dibenzo(a,h)anthracene	28.40	278	1240311	51.256 ng		99
92) Benzo(g,h,i)perylene	29.45	276	1272206	52.568 ng		98

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

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