Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043215.D
Acq On : 15 Oct 2019 12:47
Operator : JU
Sample : PB123928BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB123928BS

Manual Integrations APPROVED
mohammad
10/17/2019 7:57:19 AM

Quant Time: Oct 15 15:46:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	48121	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	194950	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	143077	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	331998	20.00	ng		0.00
76) Chrysene-d12	21.69	240	360753	20.00	ng		0.00
87) Perylene-d12	24.92	264	386767	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	316952	117.55	ng		0.00
7) Phenol-d6	7.22	99	429987	110.74	ng		0.00
23) Nitrobenzene-d5	9.22	82	222329	55.43	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	278857	113.34	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	600771	60.87	ng		0.00
79) Terphenyl-d14	20.03	244	1147793	67.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	37944	33.751	ng		92
3) Pyridine	3.92	79	90285	28.553	ng	#	79
4) n-Nitrosodimethylamine	3.83	42	52102	34.265	ng		86
6) Aniline	7.38	93	146894	31.339	ng		97
8) 2-Chlorophenol	7.62	128	127472	45.331	ng		93
9) Benzaldehyde	7.19	77	78318	33.007	ng		84
10) Phenol	7.25	94	154290	43.309	ng		95
11) bis(2-Chloroethyl)ether	7.47	93	102185	37.071	ng		93
12) 1,3-Dichlorobenzene	7.94	146	141208	39.364	ng		98
13) 1,4-Dichlorobenzene	8.09	146	142692	39.902	ng		98
14) 1,2-Dichlorobenzene	8.40	146	133847	39.314	ng		95
15) Benzyl Alcohol	8.29	79	114307	39.155	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	148954	28.138	ng		92
17) 2-Methylphenol	8.50	107	107435	43.099	ng		98
18) Hexachloroethane	9.13	117	49078	36.441	ng		95
19) n-Nitroso-di-n-propylamine	8.85	70	91692	35.962	ng		92
20) 3+4-Methylphenols	8.83	107	144277	42.235	ng		94
22) Acetophenone	8.87	105	182919	36.400	ng		96
24) Nitrobenzene	9.26	77	143247	37.443	ng		97
25) Isophorone	9.77	82	265097	37.628	ng		98
26) 2-Nitrophenol	9.97	139	70485	43.279	ng		97
27) 2,4-Dimethylphenol	10.03	122	114032	45.592	ng		96
28) bis(2-Chloroethoxy)methane	10.26	93	147819	36.980	ng		97
29) 2,4-Dichlorophenol	10.51	162	136344	43.832	ng		94
30) 1,2,4-Trichlorobenzene	10.72	180	149696	37.266	ng		98
31) Naphthalene	10.91	128	382135	39.820	ng		99
32) Benzoic acid	10.18	122	55182	30.979	ng		88
33) 4-Chloroaniline	11.02	127	95597	22.957	ng	#	92
34) Hexachlorobutadiene	11.20	225	108612	36.111	ng		98
35) Caprolactam	11.78	113	41203m	37.561	ng		
36) 4-Chloro-3-methylphenol	12.14	107	142403	42.104	ng		97
37) 2-Methylnaphthalene	12.51	142	293662	40.112	ng		97
38) 1-Methylnaphthalene	12.72	142	285015	41.143	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	193065	35.888	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	243882	71.152 ng		97
43) 2,4,6-Trichlorophenol	13.12	196	124284	39.472 ng		99
44) 2,4,5-Trichlorophenol	13.19	196	133163	41.054 ng		94
46) 1,1'-Biphenyl	13.51	154	401020	36.960 ng		99
47) 2-Chloronaphthalene	13.56	162	310956	38.225 ng		98
48) 2-Nitroaniline	13.76	65	97128	35.904 ng	#	85
49) Acenaphthylene	14.40	152	510697	41.028 ng		97
50) Dimethylphthalate	14.13	163	402770	37.571 ng		99
51) 2,6-Dinitrotoluene	14.24	165	92139	40.360 ng		95
52) Acenaphthene	14.74	154	300771	36.099 ng		98
53) 3-Nitroaniline	14.58	138	64402	27.297 ng		99
54) 2,4-Dinitrophenol	14.79	184	105451	74.311 ng		94
55) Dibenzofuran	15.07	168	491771	39.900 ng		99
56) 4-Nitrophenol	14.90	139	138489	77.039 ng		93
57) 2,4-Dinitrotoluene	15.04	165	134160	40.130 ng		95
58) Fluorene	15.73	166	415098	39.448 ng		97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	139473m	40.384 ng		
60) Diethylphthalate	15.49	149	409141	37.501 ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	241615	38.286 ng		99
62) 4-Nitroaniline	15.75	138	88642	34.449 ng		97
63) Azobenzene	16.01	77	360919	36.336 ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	83253	44.315 ng		89
66) n-Nitrosodiphenylamine	15.93	169	367889	41.976 ng		98
67) 4-Bromophenyl-phenylether	16.61	248	169952	40.786 ng		99
68) Hexachlorobenzene	16.73	284	186900	40.284 ng		98
69) Atrazine	16.88	200	159189	43.134 ng		95
70) Pentachlorophenol	17.08	266	214827	80.245 ng		98
71) Phenanthrene	17.46	178	661907	40.838 ng		98
72) Anthracene	17.55	178	686740	42.441 ng		100
73) Carbazole	17.82	167	611710	40.767 ng		99
74) Di-n-butylphthalate	18.38	149	718705	40.145 ng		98
75) Fluoranthene	19.47	202	857678	40.007 ng		97
77) Benzidine	19.66	184	398717	44.141 ng		99
78) Pyrene	19.83	202	866863	40.259 ng		99
80) Butylbenzylphthalate	20.71	149	323514	39.583 ng		96
81) Benzo(a)anthracene	21.68	228	889478	39.571 ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	286544	32.502 ng		99
83) Chrysene	21.74	228	857705	39.320 ng		98
84) Bis(2-ethylhexyl)phthalate	21.58	149	470301	40.440 ng		99
85) Di-n-octyl phthalate	22.79	149	801688	42.156 ng		95
86) Indeno(1,2,3-cd)pyrene	28.60	276	1135173	41.802 ng	#	58
88) Benzo(b)fluoranthene	23.90	252	914297	41.779 ng		99
89) Benzo(k)fluoranthene	23.96	252	962900	44.477 ng		100
90) Benzo(a)pyrene	24.77	252	870368	42.155 ng		99
91) Dibenzo(a,h)anthracene	28.66	278	957441	45.222 ng		98
92) Benzo(g,h,i)perylene	29.74	276	948161	46.221 ng		97

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

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