Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
Data File : BG044489.D
Acq On : 19 Feb 2020 14:10
Operator : CG/JU
Sample : PB126885BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126885BS

Manual Integrations APPROVED
mohammad
2/20/2020 3:11:37 PM

Quant Time: Feb 20 07:37:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	56586	20.00	ng	-0.01
21) Naphthalene-d8	10.69	136	229562	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	151316	20.00	ng	-0.01
64) Phenanthrene-d10	17.27	188	340133	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	323850	20.00	ng	-0.01
87) Perylene-d12	24.60	264	369524	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	383900	119.73	ng	0.00
7) Phenol-d6	7.07	99	511923	118.90	ng	0.00
23) Nitrobenzene-d5	9.05	82	266480	65.54	ng	-0.01
42) 2,4,6-Tribromophenol	16.02	330	202272	113.87	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	630110	69.73	ng	-0.01
79) Terphenyl-d14	19.89	244	1054037	66.95	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	55102	38.250	ng	99
3) Pyridine	3.74	79	129849	33.832	ng	100
4) n-Nitrosodimethylamine	3.65	42	61627	38.426	ng	97
6) Aniline	7.21	93	152735	28.579	ng	99
8) 2-Chlorophenol	7.46	128	150300	42.653	ng	99
9) Benzaldehyde	7.02	77	68736	28.031	ng	98
10) Phenol	7.09	94	184523	43.304	ng	99
11) bis(2-Chloroethyl)ether	7.31	93	137048	37.620	ng	96
12) 1,3-Dichlorobenzene	7.78	146	162498	38.623	ng	98
13) 1,4-Dichlorobenzene	7.93	146	162798	39.068	ng	99
14) 1,2-Dichlorobenzene	8.24	146	153507	38.974	ng	99
15) Benzyl Alcohol	8.13	79	121923	39.998	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.42	45	177825	36.065	ng	98
17) 2-Methylphenol	8.34	107	128071	42.126	ng	97
18) Hexachloroethane	8.97	117	57559	36.809	ng	99
19) n-Nitroso-di-n-propylamine	8.70	70	107521	37.471	ng	97
20) 3+4-Methylphenols	8.67	107	174386	41.621	ng	98
22) Acetophenone	8.71	105	204871	36.685	ng	99
24) Nitrobenzene	9.09	77	152196	38.340	ng	99
25) Isophorone	9.61	82	294668	38.880	ng	100
26) 2-Nitrophenol	9.80	139	85987	41.746	ng	99
27) 2,4-Dimethylphenol	9.87	122	141335	48.609	ng	99
28) bis(2-Chloroethoxy)methane	10.10	93	184204	36.434	ng	99
29) 2,4-Dichlorophenol	10.35	162	146455	41.656	ng	97
30) 1,2,4-Trichlorobenzene	10.56	180	153732	38.134	ng	99
31) Naphthalene	10.74	128	451647	40.551	ng	98
32) Benzoic acid	10.02	122	37964	28.141	ng	96
33) 4-Chloroaniline	10.85	127	119464	23.584	ng	99
34) Hexachlorobutadiene	11.03	225	89743	36.178	ng	99
35) Caprolactam	11.61	113	53764m	41.746	ng	
36) 4-Chloro-3-methylphenol	11.99	107	152941	41.491	ng	99
37) 2-Methylnaphthalene	12.35	142	335237	40.539	ng	98
38) 1-Methylnaphthalene	12.57	142	315914	40.521	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	163387	36.097	ng	99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	167213	76.990 ng	99
43) 2,4,6-Trichlorophenol	12.97	196	114464	39.123 ng	99
44) 2,4,5-Trichlorophenol	13.04	196	122332	40.937 ng	98
46) 1,1'-Biphenyl	13.36	154	422161	38.679 ng	98
47) 2-Chloronaphthalene	13.40	162	328375	37.808 ng	99
48) 2-Nitroaniline	13.60	65	92190	35.967 ng	97
49) Acenaphthylene	14.25	152	526021	41.292 ng	98
50) Dimethylphthalate	13.98	163	412643	37.937 ng	99
51) 2,6-Dinitrotoluene	14.10	165	94256	38.865 ng	96
52) Acenaphthene	14.60	154	319151	38.652 ng	98
53) 3-Nitroaniline	14.43	138	66532	24.796 ng	98
54) 2,4-Dinitrophenol	14.64	184	94830	67.325 ng	98
55) Dibenzofuran	14.93	168	502534	40.198 ng	97
56) 4-Nitrophenol	14.76	139	170117	86.556 ng	97
57) 2,4-Dinitrotoluene	14.89	165	132447	38.965 ng	96
58) Fluorene	15.58	166	399719	40.595 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.16	232	108281	40.115 ng	99
60) Diethylphthalate	15.35	149	419013	38.661 ng	98
61) 4-Chlorophenyl-phenylether	15.57	204	204773	38.355 ng	99
62) 4-Nitroaniline	15.59	138	96119	35.851 ng	94
63) Azobenzene	15.86	77	371386	39.098 ng	98
65) 4,6-Dinitro-2-methylphenol	15.66	198	78890	42.018 ng	96
66) n-Nitrosodiphenylamine	15.79	169	371069	38.929 ng	96
67) 4-Bromophenyl-phenylether	16.47	248	135940	36.684 ng	98
68) Hexachlorobenzene	16.59	284	153198	36.901 ng	98
69) Atrazine	16.74	200	142256	43.542 ng	97
70) Pentachlorophenol	16.94	266	150426	71.979 ng	97
71) Phenanthrene	17.32	178	668190	40.569 ng	97
72) Anthracene	17.41	178	684573	42.040 ng	98
73) Carbazole	17.68	167	623752	41.551 ng	99
74) Di-n-butylphthalate	18.24	149	765678	41.275 ng	98
75) Fluoranthene	19.33	202	824961	43.298 ng	98
77) Benzidine	19.51	184	307005	34.177 ng	97
78) Pyrene	19.69	202	834049	40.103 ng	97
80) Butylbenzylphthalate	20.58	149	360553	38.042 ng	97
81) Benzo(a)anthracene	21.50	228	799898	40.077 ng	97
82) 3,3'-Dichlorobenzidine	21.42	252	226872	29.288 ng	96
83) Chrysene	21.56	228	764057	39.604 ng	98
84) Bis(2-ethylhexyl)phthalate	21.42	149	508459	38.976 ng	98
85) Di-n-octyl phthalate	22.59	149	909387	40.289 ng	99
86) Indeno(1,2,3-cd)pyrene	28.09	276	978763	38.886 ng	99
88) Benzo(b)fluoranthene	23.63	252	850693	39.951 ng	97
89) Benzo(k)fluoranthene	23.69	252	818533	39.441 ng	99
90) Benzo(a)pyrene	24.45	252	787316	39.107 ng	99
91) Dibenzo(a,h)anthracene	28.14	278	812683	40.788 ng	99
92) Benzo(g,h,i)perylene	29.18	276	829528	41.589 ng	99

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

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