Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
Data File : BG044543.D
Acq On : 21 Feb 2020 11:01
Operator : CG/JU
Sample : PB126933BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126933BS

Manual Integrations APPROVED
mohammad
2/24/2020 3:30:14 PM

Quant Time: Feb 21 16:16:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 21 16:02:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	51708	20.00	ng		0.00
21) Naphthalene-d8	10.68	136	213230	20.00	ng		0.00
39) Acenaphthene-d10	14.52	164	144544	20.00	ng		0.00
64) Phenanthrene-d10	17.26	188	348006	20.00	ng		0.00
76) Chrysene-d12	21.51	240	344861	20.00	ng		0.00
87) Perylene-d12	24.58	264	365460	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	385694	131.64	ng		0.00
7) Phenol-d6	7.06	99	515843	131.11	ng		0.00
23) Nitrobenzene-d5	9.04	82	270178	71.53	ng		0.00
42) 2,4,6-Tribromophenol	16.01	330	229242	135.10	ng		0.00
45) 2-Fluorobiphenyl	13.14	172	658335	76.27	ng		0.00
79) Terphenyl-d14	19.88	244	1222293	72.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	53255	40.456	ng		98
3) Pyridine	3.73	79	123516	35.218	ng		98
4) n-Nitrosodimethylamine	3.64	42	59111	40.334	ng		99
6) Aniline	7.20	93	163076	33.392	ng		97
8) 2-Chlorophenol	7.45	128	151551	47.065	ng		99
9) Benzaldehyde	7.01	77	67103	29.946	ng		97
10) Phenol	7.08	94	185848	47.730	ng		97
11) bis(2-Chloroethyl)ether	7.30	93	137676	41.358	ng		99
12) 1,3-Dichlorobenzene	7.77	146	160298	41.694	ng		99
13) 1,4-Dichlorobenzene	7.92	146	162199	42.596	ng		98
14) 1,2-Dichlorobenzene	8.23	146	152428	42.351	ng		99
15) Benzyl Alcohol	8.12	79	123130	44.205	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.41	45	178848	39.695	ng		98
17) 2-Methylphenol	8.33	107	130169	46.855	ng		99
18) Hexachloroethane	8.96	117	57986	40.581	ng		97
19) n-Nitroso-di-n-propylamine	8.69	70	106735	40.706	ng		99
20) 3+4-Methylphenols	8.66	107	178546	46.634	ng		98
22) Acetophenone	8.70	105	206822	39.871	ng	#	99
24) Nitrobenzene	9.08	77	154797	41.982	ng		98
25) Isophorone	9.60	82	302430	42.961	ng		100
26) 2-Nitrophenol	9.79	139	87353	45.657	ng		98
27) 2,4-Dimethylphenol	9.86	122	145649	53.929	ng		98
28) bis(2-Chloroethoxy)methane	10.09	93	189778	40.412	ng		99
29) 2,4-Dichlorophenol	10.34	162	152589	46.725	ng		98
30) 1,2,4-Trichlorobenzene	10.55	180	154272	41.199	ng		99
31) Naphthalene	10.73	128	455200	44.001	ng		99
32) Benzoic acid	10.02	122	40903	30.376	ng		96
33) 4-Chloroaniline	10.84	127	130442	27.724	ng		99
34) Hexachlorobutadiene	11.02	225	90446	39.254	ng		97
35) Caprolactam	11.60	113	60150m	50.281	ng		
36) 4-Chloro-3-methylphenol	11.98	107	161084	47.047	ng		98
37) 2-Methylnaphthalene	12.34	142	340935	44.386	ng		99
38) 1-Methylnaphthalene	12.56	142	322588	44.546	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	169841	39.281	ng		98

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Quant Time: Feb 21 16:16:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 21 16:02:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.70	237	166809	80.402 ng	99
43) 2,4,6-Trichlorophenol	12.96	196	122127	43.698 ng	99
44) 2,4,5-Trichlorophenol	13.03	196	132477	46.408 ng	99
46) 1,1'-Biphenyl	13.35	154	439164	42.122 ng	98
47) 2-Chloronaphthalene	13.39	162	340666	41.061 ng	98
48) 2-Nitroaniline	13.59	65	102511	41.867 ng	93
49) Acenaphthylene	14.24	152	548824	45.101 ng	98
50) Dimethylphthalate	13.98	163	456304	43.917 ng	99
51) 2,6-Dinitrotoluene	14.09	165	102604	44.289 ng	97
52) Acenaphthene	14.59	154	334971	42.469 ng	99
53) 3-Nitroaniline	14.42	138	78284	30.543 ng	99
54) 2,4-Dinitrophenol	14.64	184	121599	87.764 ng	93
55) Dibenzofuran	14.92	168	533689	44.690 ng	97
56) 4-Nitrophenol	14.75	139	191261	101.873 ng	100
57) 2,4-Dinitrotoluene	14.88	165	149424	46.019 ng	97
58) Fluorene	15.57	166	428429	45.549 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.16	232	120290	46.652 ng	97
60) Diethylphthalate	15.34	149	467658	45.171 ng	98
61) 4-Chlorophenyl-phenylether	15.56	204	223101	43.746 ng	99
62) 4-Nitroaniline	15.59	138	109902	42.912 ng	97
63) Azobenzene	15.85	77	405092	44.644 ng	98
65) 4,6-Dinitro-2-methylphenol	15.65	198	93843	48.851 ng	95
66) n-Nitrosodiphenylamine	15.78	169	406988	41.731 ng	100
67) 4-Bromophenyl-phenylether	16.46	248	151047	39.839 ng	98
68) Hexachlorobenzene	16.58	284	168179	39.593 ng	98
69) Atrazine	16.73	200	165536	49.521 ng	99
70) Pentachlorophenol	16.93	266	176484	82.077 ng	99
71) Phenanthrene	17.31	178	739944	43.909 ng	98
72) Anthracene	17.40	178	756229	45.390 ng	98
73) Carbazole	17.67	167	705406	45.928 ng	99
74) Di-n-butylphthalate	18.23	149	883582	46.553 ng	98
75) Fluoranthene	19.32	202	940803	48.261 ng	98
77) Benzidine	19.50	184	390941	40.869 ng	97
78) Pyrene	19.68	202	948361	42.821 ng	97
80) Butylbenzylphthalate	20.57	149	417476	41.364 ng	97
81) Benzo(a)anthracene	21.49	228	922195	43.389 ng	97
82) 3,3'-Dichlorobenzidine	21.41	252	286643	34.749 ng	97
83) Chrysene	21.55	228	875765	42.629 ng	97
84) Bis(2-ethylhexyl)phthalate	21.41	149	589939	42.467 ng	98
85) Di-n-octyl phthalate	22.57	149	1048370	43.617 ng	98
86) Indeno(1,2,3-cd)pyrene	28.06	276	1119391	41.764 ng	100
88) Benzo(b)fluoranthene	23.61	252	998312	47.405 ng	99
89) Benzo(k)fluoranthene	23.67	252	942300	45.910 ng	97
90) Benzo(a)pyrene	24.44	252	901703	45.286 ng	98
91) Dibenzo(a,h)anthracene	28.12	278	931582	47.275 ng	99
92) Benzo(g,h,i)perylene	29.14	276	948916	48.104 ng	99

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

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