Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
Data File : BG044547.D
Acq On : 21 Feb 2020 13:37
Operator : CG/JU
Sample : PB126974BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126974BS

Manual Integrations APPROVED
mohammad
2/24/2020 3:30:19 PM

Quant Time: Feb 21 16:22:27 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	47068	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	203067	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	142384	20.00	ng	0.00
64) Phenanthrene-d10	17.27	188	334423	20.00	ng	0.00
76) Chrysene-d12	21.51	240	321766	20.00	ng	0.00
87) Perylene-d12	24.58	264	362915	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	268760	100.77	ng	0.00
7) Phenol-d6	7.06	99	366592	102.36	ng	0.00
23) Nitrobenzene-d5	9.04	82	294655	81.92	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	165651	99.10	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	730630	85.93	ng	0.00
79) Terphenyl-d14	19.88	244	1307761	83.60	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	53469	44.622	ng	99
3) Pyridine	3.73	79	127014	39.786	ng	99
4) n-Nitrosodimethylamine	3.64	42	60725	45.520	ng	95
6) Aniline	7.20	93	174839	39.330	ng	97
8) 2-Chlorophenol	7.44	128	164631	56.167	ng	98
9) Benzaldehyde	7.01	77	70881	34.751	ng	98
10) Phenol	7.08	94	204690	57.751	ng	99
11) bis(2-Chloroethyl)ether	7.30	93	148748	49.089	ng	99
12) 1,3-Dichlorobenzene	7.77	146	165943	47.418	ng	99
13) 1,4-Dichlorobenzene	7.91	146	167073	48.202	ng	98
14) 1,2-Dichlorobenzene	8.23	146	159135	48.573	ng	99
15) Benzyl Alcohol	8.12	79	133260	52.557	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.41	45	187628	45.749	ng	99
17) 2-Methylphenol	8.33	107	141105	55.799	ng	99
18) Hexachloroethane	8.96	117	59044	45.395	ng	97
19) n-Nitroso-di-n-propylamine	8.68	70	116887	48.972	ng	99
20) 3+4-Methylphenols	8.66	107	192336	55.188	ng	99
22) Acetophenone	8.70	105	223596	45.262	ng	100
24) Nitrobenzene	9.08	77	167354	47.659	ng	99
25) Isophorone	9.60	82	327699	48.880	ng	99
26) 2-Nitrophenol	9.79	139	94685	51.966	ng	97
27) 2,4-Dimethylphenol	9.86	122	161289	62.709	ng	99
28) bis(2-Chloroethoxy)methane	10.09	93	207983	46.505	ng	99
29) 2,4-Dichlorophenol	10.34	162	167835	53.966	ng	97
30) 1,2,4-Trichlorobenzene	10.55	180	163877	45.955	ng	99
31) Naphthalene	10.73	128	491296	49.867	ng	99
32) Benzoic acid	10.02	122	39987	30.806	ng	96
33) 4-Chloroaniline	10.84	127	131956	29.449	ng	98
34) Hexachlorobutadiene	11.02	225	96838	44.132	ng	100
35) Caprolactam	11.60	113	66008m	57.940	ng	
36) 4-Chloro-3-methylphenol	11.97	107	181599	55.693	ng	98
37) 2-Methylnaphthalene	12.34	142	373320	51.035	ng	99
38) 1-Methylnaphthalene	12.56	142	354252	51.367	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	184944	43.423	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 : 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	199681	97.707 ng	98
43) 2,4,6-Trichlorophenol	12.96	196	135650	49.273 ng	98
44) 2,4,5-Trichlorophenol	13.03	196	150931	53.675 ng	97
46) 1,1'-Biphenyl	13.36	154	484040	47.130 ng	98
47) 2-Chloronaphthalene	13.40	162	376396	46.056 ng	97
48) 2-Nitroaniline	13.60	65	113523	47.068 ng	99
49) Acenaphthylene	14.24	152	611634	51.025 ng	100
50) Dimethylphthalate	13.98	163	513763	50.197 ng	99
51) 2,6-Dinitrotoluene	14.09	165	116447	51.027 ng	95
52) Acenaphthene	14.58	154	374698	48.226 ng	98
53) 3-Nitroaniline	14.42	138	81333	32.214 ng	100
54) 2,4-Dinitrophenol	14.64	184	125176	91.373 ng	97
55) Dibenzofuran	14.92	168	599985	51.004 ng	97
56) 4-Nitrophenol	14.75	139	207420	112.156 ng	98
57) 2,4-Dinitrotoluene	14.88	165	166515	52.061 ng	99
58) Fluorene	15.57	166	480557	51.866 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.15	232	135808	53.470 ng	98
60) Diethylphthalate	15.34	149	519835	50.972 ng	99
61) 4-Chlorophenyl-phenylether	15.56	204	251736	50.109 ng	97
62) 4-Nitroaniline	15.59	138	117133	46.429 ng	98
63) Azobenzene	15.86	77	450702	50.424 ng	98
65) 4,6-Dinitro-2-methylphenol	15.65	198	100629	54.512 ng	96
66) n-Nitrosodiphenylamine	15.78	169	452131	48.243 ng	99
67) 4-Bromophenyl-phenylether	16.46	248	168877	46.350 ng	98
68) Hexachlorobenzene	16.58	284	188123	46.087 ng	99
69) Atrazine	16.73	200	175737	54.708 ng	99
70) Pentachlorophenol	16.93	266	190178	91.656 ng	99
71) Phenanthrene	17.31	178	802182	49.536 ng	99
72) Anthracene	17.40	178	823834	51.456 ng	98
73) Carbazole	17.67	167	751553	50.920 ng	100
74) Di-n-butylphthalate	18.23	149	940096	51.542 ng	99
75) Fluoranthene	19.32	202	1008588	53.839 ng	98
77) Benzidine	19.50	184	432254	48.432 ng	98
78) Pyrene	19.68	202	1007428	48.753 ng	98
80) Butylbenzylphthalate	20.57	149	440807	46.811 ng	98
81) Benzo(a)anthracene	21.49	228	979857	49.411 ng	99
82) 3,3'-Dichlorobenzidine	21.41	252	290008	37.680 ng	96
83) Chrysene	21.56	228	937933	48.932 ng	97
84) Bis(2-ethylhexyl)phthalate	21.41	149	622014	47.990 ng	98
85) Di-n-octyl phthalate	22.57	149	1107191	49.370 ng	98
86) Indeno(1,2,3-cd)pyrene	28.06	276	1214787	48.576 ng	99
88) Benzo(b)fluoranthene	23.61	252	1048674	50.146 ng	99
89) Benzo(k)fluoranthene	23.68	252	1027213	50.398 ng	98
90) Benzo(a)pyrene	24.44	252	965877	48.850 ng	99
91) Dibenzo(a,h)anthracene	28.11	278	1000211	51.114 ng	98
92) Benzo(g,h,i)perylene	29.15	276	1016594	51.896 ng	98

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

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